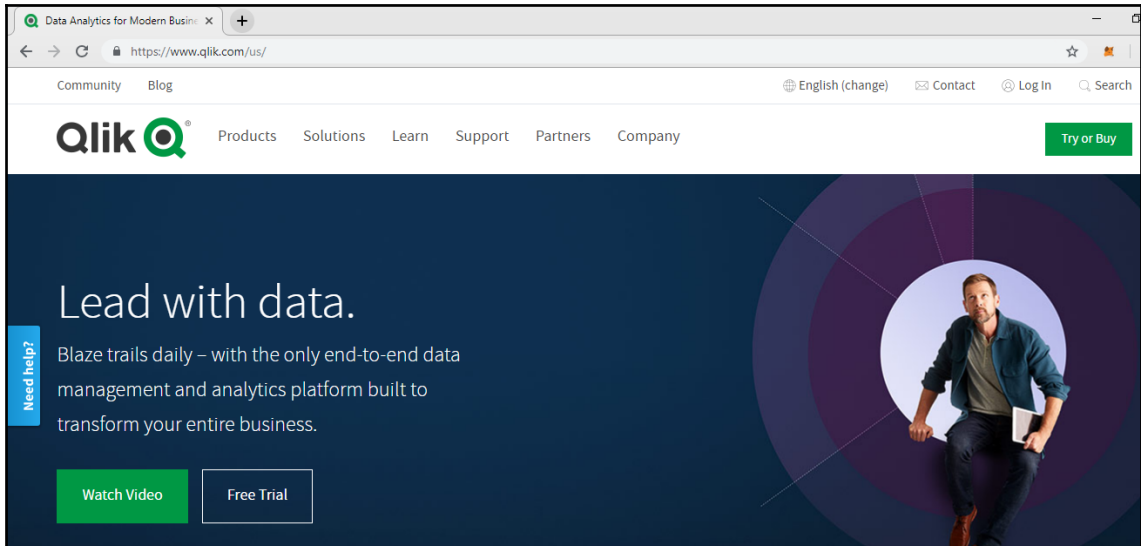




Chapter 1: Getting Started with QlikView



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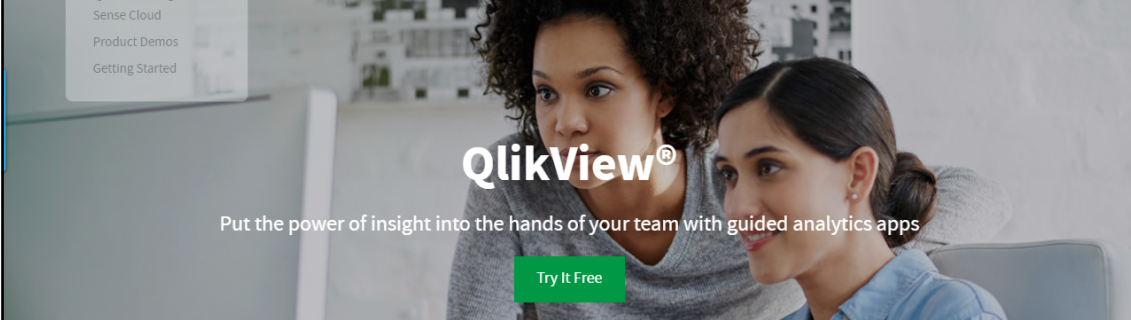
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Getting Started

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Intro **Dashboard** Sales Store Map Customer Satisfaction

Retail Store Performance

The Retail Store Performance dashboard ties corporate strategy to store level execution at all levels of the store operations hierarchy. Timely and accurate store performance metrics can be analyzed in the corporate office, in a store, or through a mobile device for traveling store operations and field management.


[Get Started](#)



Explore Store Performance

Analyze comparables and isolate exceptions at any level of the store operations hierarchy.


[Get started >](#)



Analyze Store-level Assortment

Spot trends and take action to ensure the optimal store level assortment.

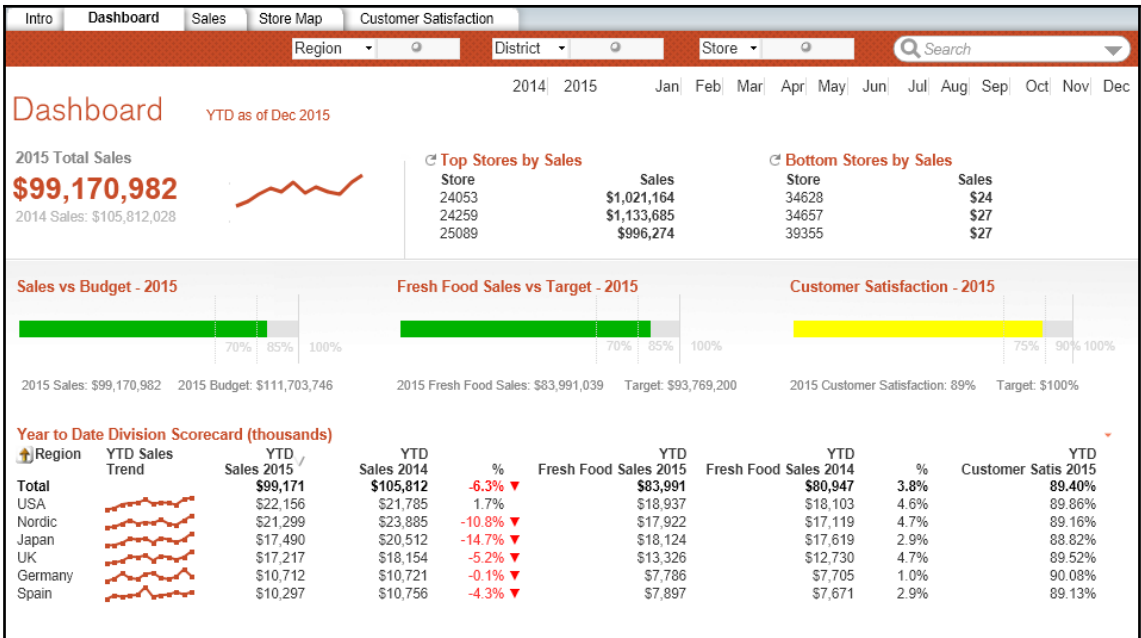
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Monitor Customer Satisfaction

Assess customer satisfaction to ensure the optimal shopping experience.

[Get started >](#)



Sales

Current Selections

Clear Selections

Region
 Germany \$21,433 ▲
 Japan \$38,002 ▲
 Nordic \$45,184 ▲
 Spain \$21,054 ▼

District Manager
 Aaron Freeman \$2,729 ▲
 Abbot Bennett \$4,195 ▲
 Abdul Knox \$1,696 ▲
 Abel Maddox \$1,356 ▼

Store
 10009 \$718 ▲
 10017 \$115 ▲
 10022 \$177 ▲
 10030 \$56 ▼

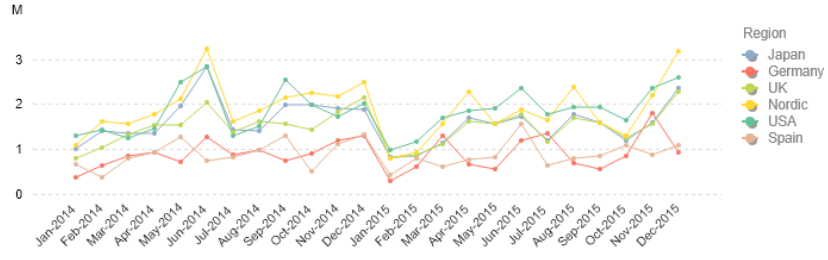
Store Type
 Convenience 54.2%
 Fuel & Convenience 45.8%

Sales are in thousands.

Total Sales

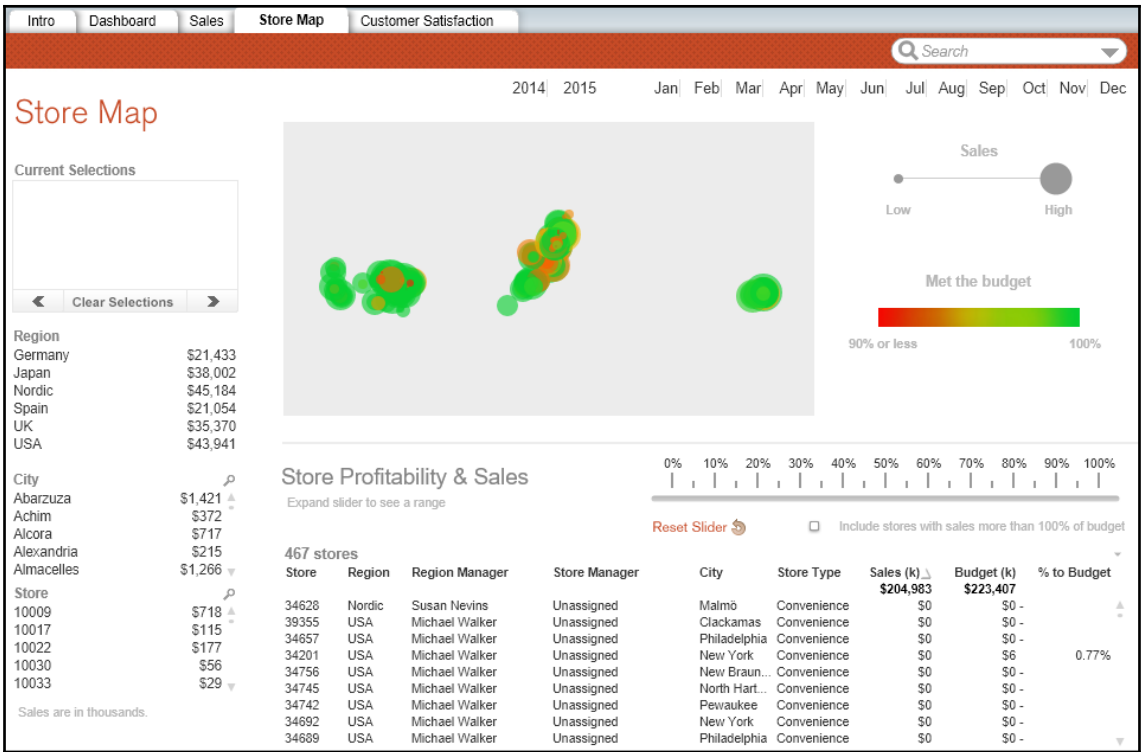
Fresh Food Sales

Sales Trend



Sales Performance (in thousands)

Region	YTD Sales 2014	YTD Sales / 2015	2014/2015 Variance	YTD Budget 2015	Sales/ Budget Variance	Dec 2014 Sales	Dec 2015 Sales	Dec 2014/ 2015 Variance	Dec 2015 Budget	Dec 2015 Sales/Budget Variance
Total	105,812	99,171	-6,641 ▼	111,704	-12,533 ▼	11,151	12,402	1,252	11,794	608
USA	21,785	22,156	372	22,702	-545 ▼	2,022	2,595	573	2,179	416
Nordic	23,885	21,299	-2,585 ▼	28,348	-7,049 ▼	2,479	3,180	701	3,505	-325 ▼
Japan	20,512	17,490	-3,022 ▼	18,457	-968 ▼	1,888	2,363	476	2,049	314
UK	18,154	17,217	-937 ▼	17,896	-680 ▼	2,151	2,264	113	1,996	268
Germany	10,721	10,712	-9 ▼	12,902	-2,191 ▼	1,299	925	-374 ▼	1,023	-98 ▼
Spain	10,756	10,297	-459 ▼	11,398	-1,100 ▼	1,312	1,075	-238 ▼	1,042	33



Intro Dashboard Sales Store Map **Customer Satisfaction** Search

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Customer Satisfaction

Current Selections

Clear Selections

Region

- Germany \$21,433 ▲
- Japan \$38,002
- Nordic \$45,184
- Spain \$21,054 ▼

District

- District 1 \$3,012 ▲
- District 3 \$2,509
- District 4 \$1,890 ▼

District Manager

- Aaron Freeman \$2,729 ▲
- Abbot Bennett \$4,195
- Abdul Knox \$1,696 ▼

Store

- 10009 \$718 ▲
- 10017 \$115
- 10022 \$177
- 10030 \$56 ▼

Sales are in thousands.

Survey Summary

Survey Details

2015 Focus Trend

Focus

- Assortment
- Cleanliness
- Customer Service
- Infrastructure
- Quality

2015 Customer Service Scores

Focus	YTD 2015	YTD Target	YTD Variance	Dec 2015	Dec Target	Monthly Variance
Assortment	89.40%	85.00%	4.40%	91.65%	85.00%	6.65%
Infrastructure	78.88%	85.00%	-6.12% ▼	82.85%	85.00%	-2.15% ▼
Customer Service	85.90%	85.00%	0.90%	88.53%	85.00%	3.53%
Quality	89.39%	85.00%	4.39%	92.52%	85.00%	7.52%
Cleanliness	91.00%	85.00%	6.00%	92.63%	85.00%	7.63%
Assortment	91.39%	85.00%	6.39%	93.96%	85.00%	8.96%

Intro Dashboard Sales Store Map **Customer Satisfaction**

Search

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Customer Satisfaction

Current Selections

District Name: District 10
Region Market: Germany

Clear Selections

Region

- Germany \$2,033
- Japan \$0
- Nordic \$0
- Spain \$0

District

- District 10 \$2,033
- District 12 \$0
- District 18 \$0

District Manager

- Darius Ayala \$2,033
- Aaron Freeman \$0
- Abbot Bennett \$0

Store

- 32232 \$989
- 26338 \$569
- 24254 \$475
- 26304

Sales are in thousands.

Survey Summary

2015 Focus Trend

2015 Customer Service Scores

Focus	YTD 2015	YTD Target	YTD Variance	Dec 2015	Dec Target	Monthly Variance
Infrastructure	92.33%	85.00%	7.33%	94.53%	85.00%	9.53%
Assortment	80.16%	85.00%	-4.84%	90.48%	85.00%	5.48%
Quality	92.77%	85.00%	7.77%	94.97%	85.00%	9.97%
Customer Service	92.90%	85.00%	7.90%	90.74%	85.00%	5.74%
Cleanliness	94.53%	85.00%	9.53%	95.89%	85.00%	10.89%

Survey Details

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QlikView

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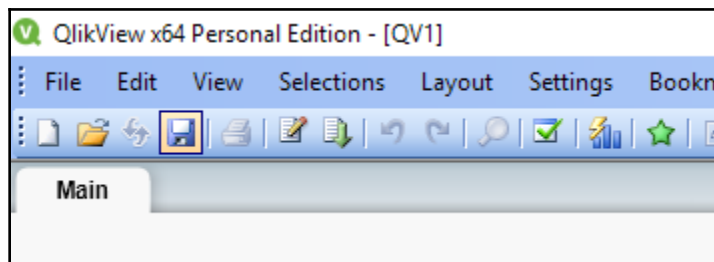
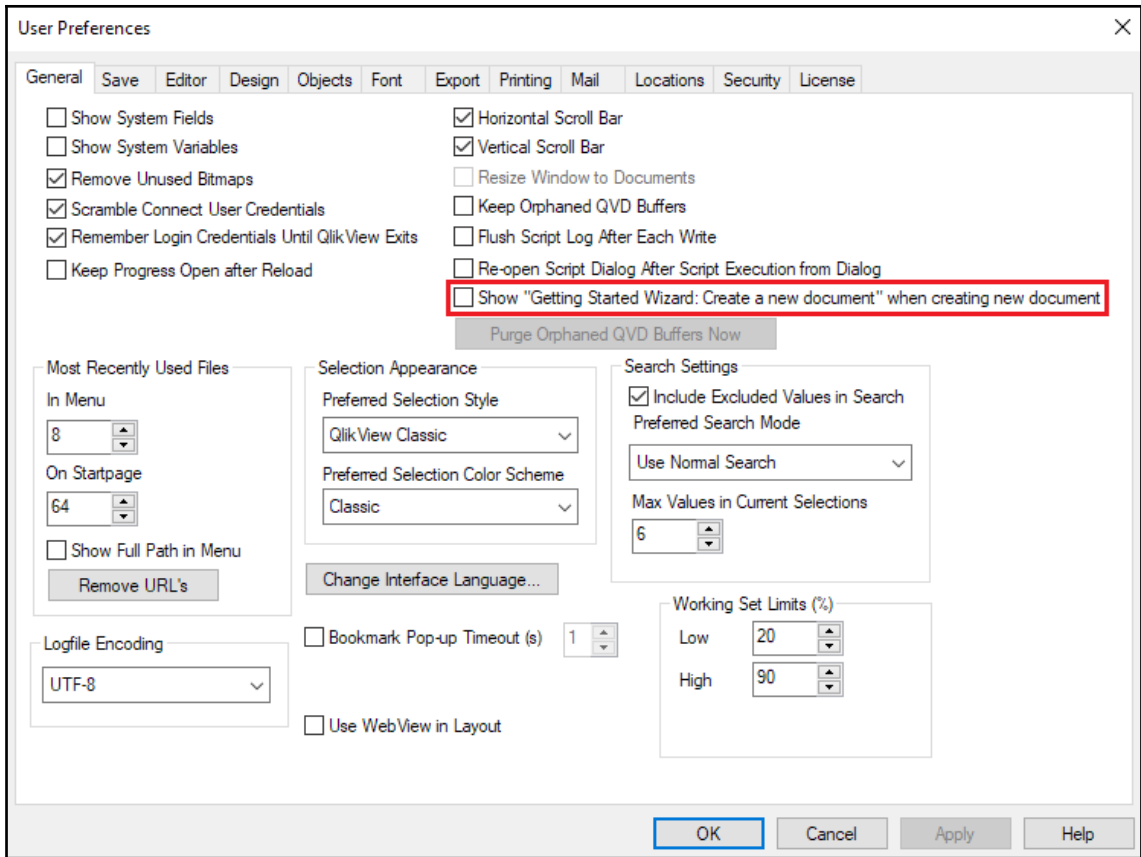
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New document

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QlikView x64 Personal Edition - [C:\Program Files\QlikView\Examples\Documents\Movies Database.qvw]

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Intro How QlikView works Traditional OLAP QlikView Model Dashboard Analysis

1736 movies available

Current Selections

Search

Director: 609

A. Edward Sutherland	8
Adrian Brunel	1
Akira Kurosawa	20
Alan Alda	1
Alan Arkin	1

Actor: 4841

A. E. Anson	1
Abbe Lane	1
Abe Vigoda	2
Abigail Cruttenden	1
Abner Biberman	3

Title: 1736

... And Justice for All	1
3 Godfathers	1
4 Clowns	1
5th Ave. Girl	1
7 Women	1

Clear Back Forward

Movies by Rating

5	214	598	632	245
---	-----	-----	-----	-----

Ratio to Total

Length

< 1hr	0.9%
1 to 1.5hrs	31.3%
1.5 to 2hrs	52.3%
2 to 2.5hrs	12.2%
3hrs+	3.2%

Number of Movies

Actor

Henry Fonda	84
Bette Davis	81
James Stewart	80
Boris Karloff	79
Humphrey B...	70
Cary Grant	66
Gary Cooper	64
Donald Suth...	63

Number of Movies over time

QlikView x64 Personal Edition - [C:\Program Files\QlikView\Examples\Documents\Movies Database.qvw]

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Intro How QlikView works Traditional OLAP QlikView Model Dashboard Analysis

58 movies available

Current Selections
Rating 5

Search

Director: 42

- Akira Kurosawa 1
- Alfred Hitchcock 1
- Andrei Tarkovsky 1
- Andrew Marton 1
- Anthony Harvey 1

Actor: 459

- Abe Vigoda 1
- Adolph Caesar 1
- Adrienne Servantie 1
- Aida Turturo 1
- Akim Tamiroff 1

Title: 58

- 4 Clowns 1
- 12 Angry Men 1
- A Handful of Dust 1
- A Midsummer Night's Sex... 1
- Agnes of God 1

Clear Back Forward

Movies by Rating

5 4 3 2 1

58

Ratio to Total

Length

- 1 to 1.5hrs 12.1%
- 1.5 to 2hrs 39.7%
- 2 to 2.5hrs 32.8%
- 3hrs+ 15.5%

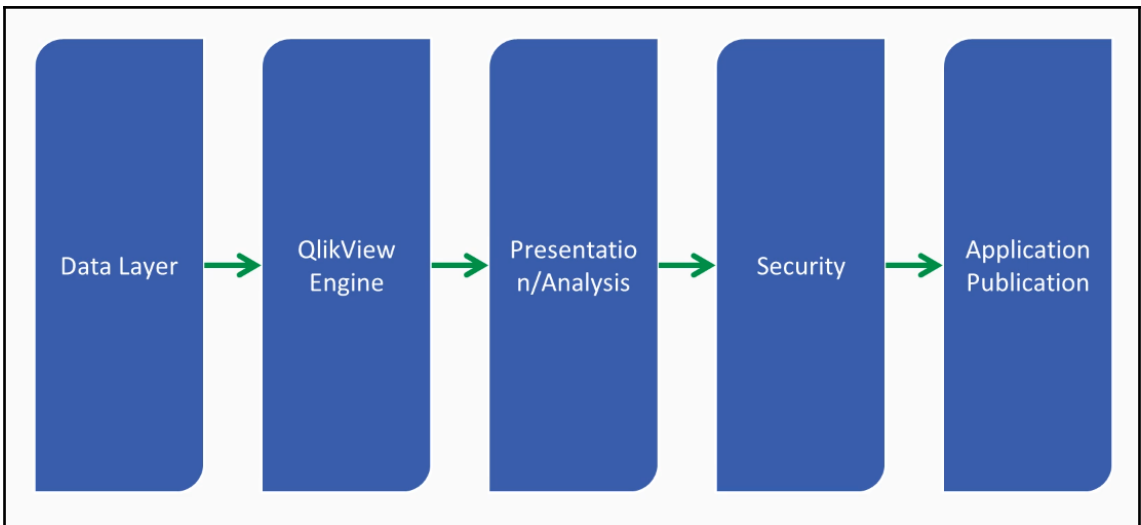
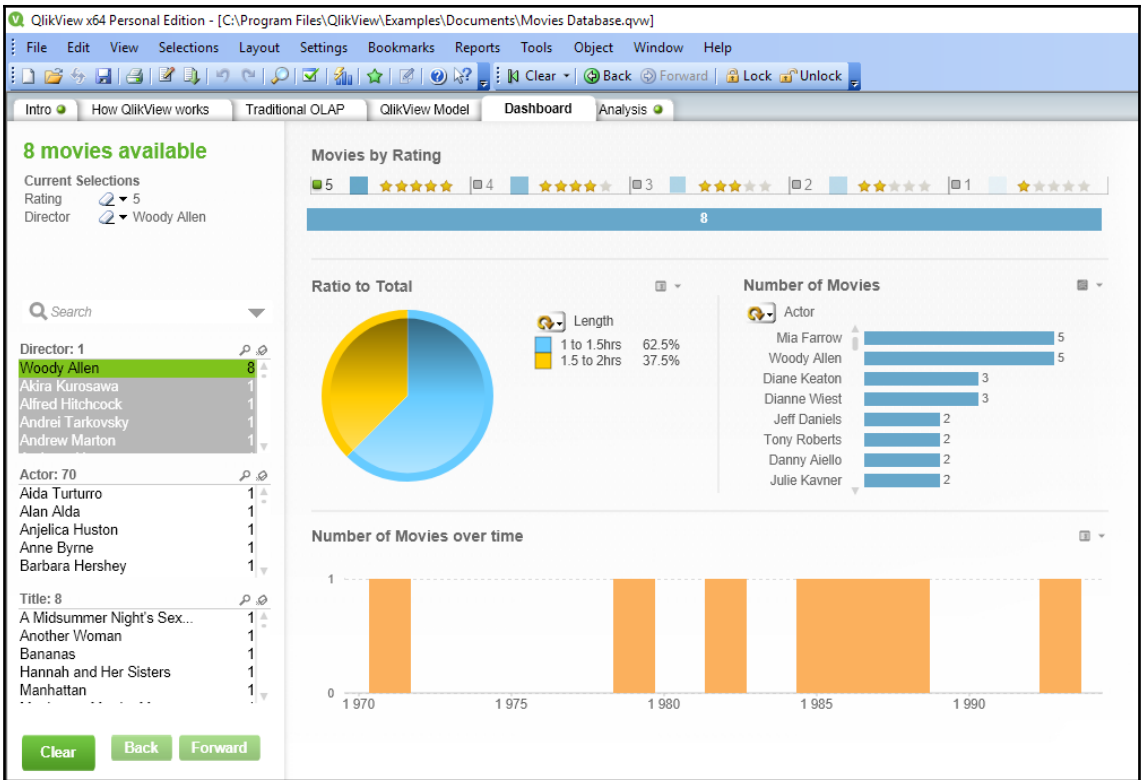
Number of Movies

Actor

- Mia Farrow 6
- Alec Guinness 6
- Woody Allen 5
- Carrie Fisher 4
- Diane Keaton 4
- Harrison Ford 4
- Donald Suth... 4
- Kenny Baker 3

Number of Movies over time

Year	Number of Movies
1940	1
1945	1
1950	1
1955	2
1958	4
1959	4
1960	1
1961	1
1962	2
1965	1
1968	2
1969	2
1970	2
1972	4
1975	1
1978	3
1979	3
1980	2
1982	2
1985	3
1986	1
1987	3
1988	1
1989	2
1990	1
1991	2



QlikView x64 Personal Edition - [C:\Program Files\QlikView\Examples\Documents\Movies Database.qvw]

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Intro How QlikView works Traditional OLAP QlikView Model Dashboard Analysis

15 movies available

Current Selections
Director: Steven Spielberg

Search

Director: 1

- Steven Spielberg 15
- A. Edward Sutherland 8
- Adrian Brunel 1
- Akira Kurosawa 20
- Alan Alda 1

Actor: 134

- Abbe Lane 1
- Adolph Caesar 1
- Akosua Busia 1
- Alex Hyde-White 1
- Alfred Molina 1

Title: 15

- Always 1
- Close Encounters of the T... 1
- E.T. The Extra-Terrestrial 1
- Empire of the Sun 1
- Hook 1

Clear Back Forward

Movies by Rating

5 4 3 2 1

3 5 4 3

Ratio to Total

Length

- 1.5 to 2hrs 40.0%
- 2 to 2.5hrs 40.0%
- 3hrs+ 20.0%

Number of Movies

Actor

- Harrison Ford 3
- Richard Drey... 3
- Caroline Goo... 2
- Denholm Elliott 2
- Lorraine Gary 2
- Murray Hamilton 2
- John Rhys-D... 2
- Dan Aykroyd 2

Number of Movies over time

Year	Number of Movies
1974	1
1975	1
1976	0
1977	1
1978	0
1979	1
1980	0
1981	1
1982	1
1983	1
1984	1
1985	1
1986	1
1987	1
1988	0
1989	2
1990	0
1991	1
1992	2

QlikView x64 Personal Edition - [C:\Program Files\QlikView\Examples\Documents\Movies Database.qvw]

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Intro How QlikView works Traditional OLAP QlikView Model Dashboard Analysis

3 movies available

Current Selections
 Rating 2
 Director Steven Spielberg

Search

Director: 1
Steven Spielberg 3
 A. Edward Sutherland 4
 Akira Kurosawa 4
 Alan J. Pakula 1
 Albert Lewin 1

Actor: 27
 Amrish Puri 1
 Audrey Hepburn 1
 Ben Stiller 1
 Brad Johnson 1
 Burt Kwouk 1

Title: 3
 Always 1
 Empire of the Sun 1
 Indiana Jones and the Te... 1
 ... And Justice for All 0
 3 Godfathers 0

Clear Back Forward

Movies by Rating

Rating	Count
5	0
4	0
3	3
2	0
1	0

Ratio to Total

Length	Count	Percentage
1.5 to 2hrs	1	33.3%
2 to 2.5hrs	1	33.3%
3hrs+	1	33.3%

Number of Movies

Actor	Count
Masato Ibu	1
Kate Capshaw	1
Leslie Phillips	1
Rupert Frazer	1
John Malkovich	1
Amrish Puri	1
Miranda Rich...	1
Roshan Seth	1

Number of Movies over time

Year	Count
1984	1
1985	0
1986	0
1987	1
1988	0
1989	1

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File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Intro How QlikView works Traditional OLAP QlikView Model Dashboard Analysis

1 movies available

Current Selections
 Title Always
 Rating 2
 Director Steven Spielberg

Search

Director: 1
 Steven Spielberg 1
 A. Edward Sutherland 0
 Adrian Brunel 0
 Akira Kurosawa 0
 Alan Alda 0

Actor: 8
 Audrey Hepburn 1
 Brad Johnson 1
 Holly Hunter 1
 John Goodman 1
 Keith David 1

Title: 1
 Always 1
 Empire of the Sun 1
 Indiana Jones and the Te... 1
 ... And Justice for All 0
 3 Godfathers 0

Clear Back Forward

Movies by Rating

Rating	Number of Movies
5	0
4	0
3	0
2	0
1	1

Ratio to Total

Length 2 to 2.5hrs 100.0%

Number of Movies

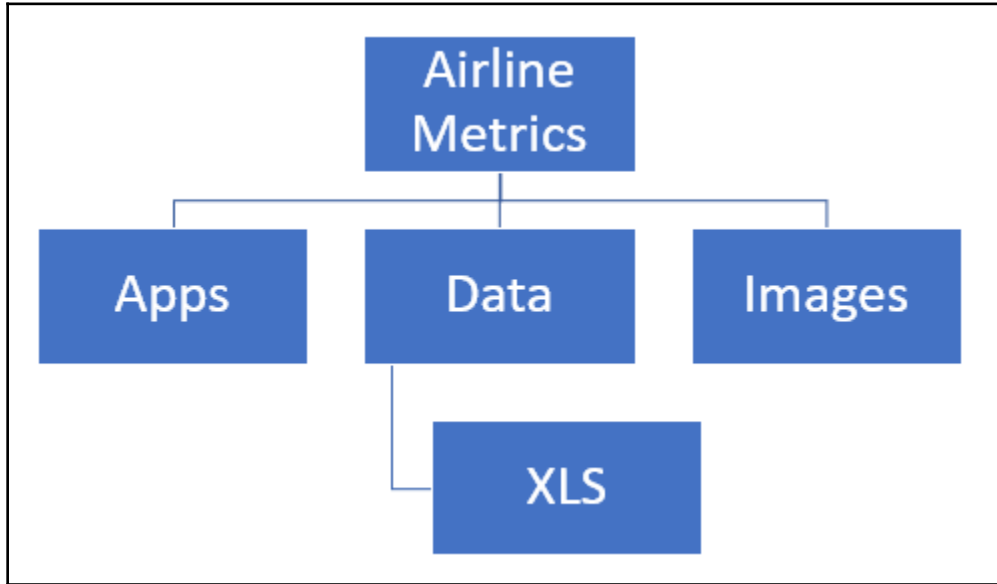
Actor

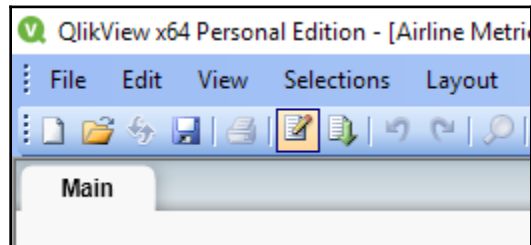
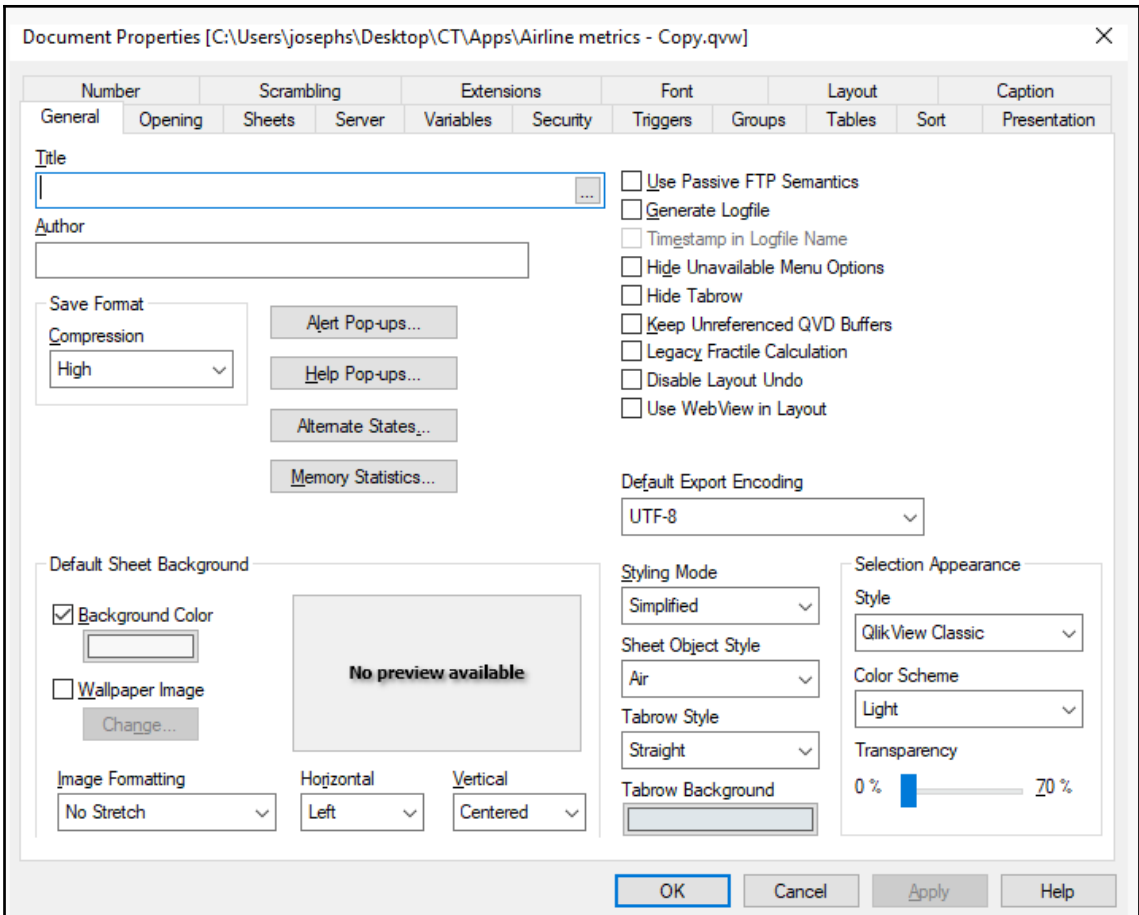
Actor	Number of Movies
Keith David	1
Brad Johnson	1
Audrey Hepburn	1
Holly Hunter	1
Marg Helgenberg...	1
Roberts Blossom	1
John Goodman	1
Richard Dreyfus...	1

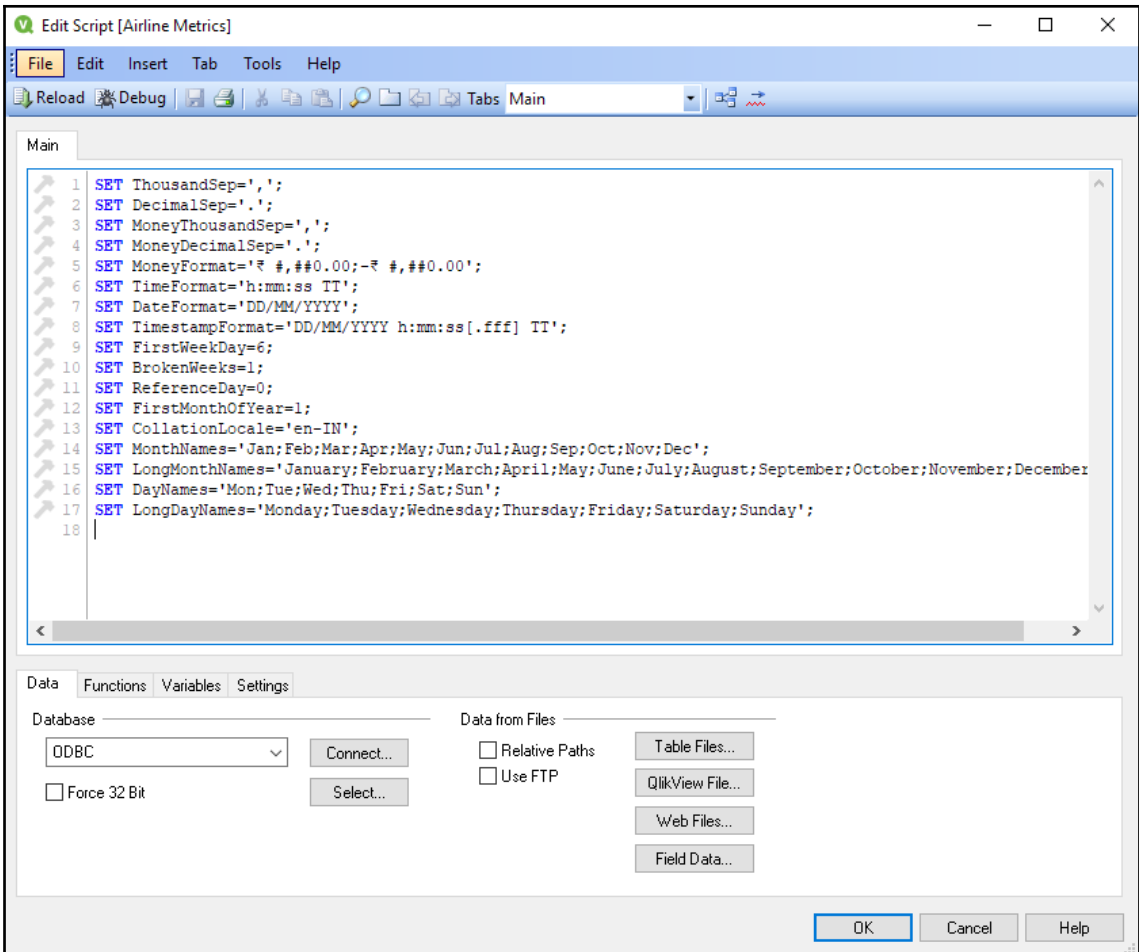
Number of Movies over time

Year Range	Number of Movies
1950 - 2050	1

Chapter 2: Getting Data in QlikView and Creating Your First App







File Wizard : Type

File Type

- Delimited
- Fixed Record
- Dif
- Excel (xls)
- Excel (xlsx)
- Html
- Qvd
- Xml
- Kml
- Qvx

Delimiter
 Comma

Quoting
 MSQ

Header Size
 None

Character Set
 28591 (ISO 8859-1 Latin 1)

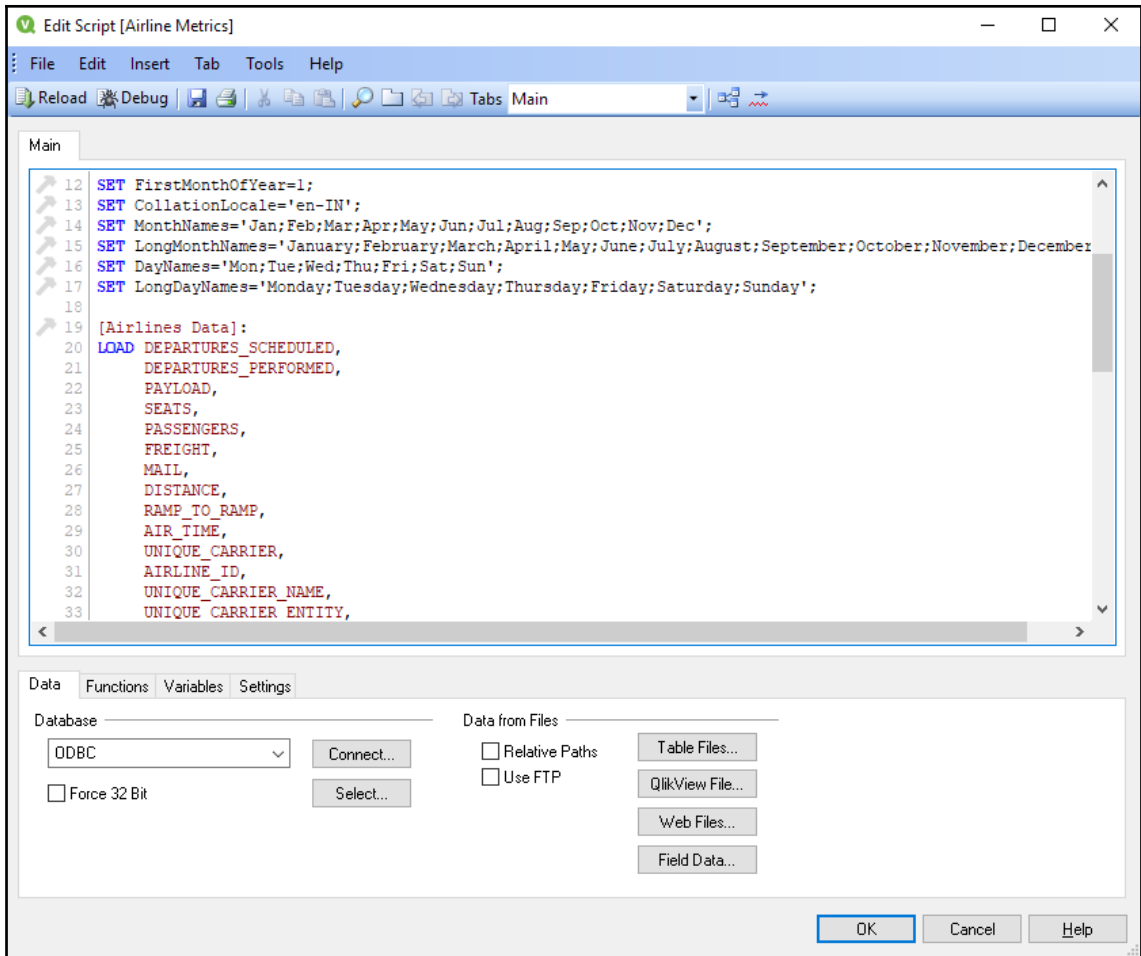
Comment

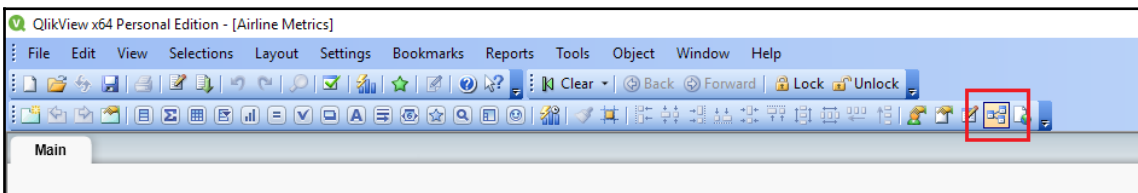
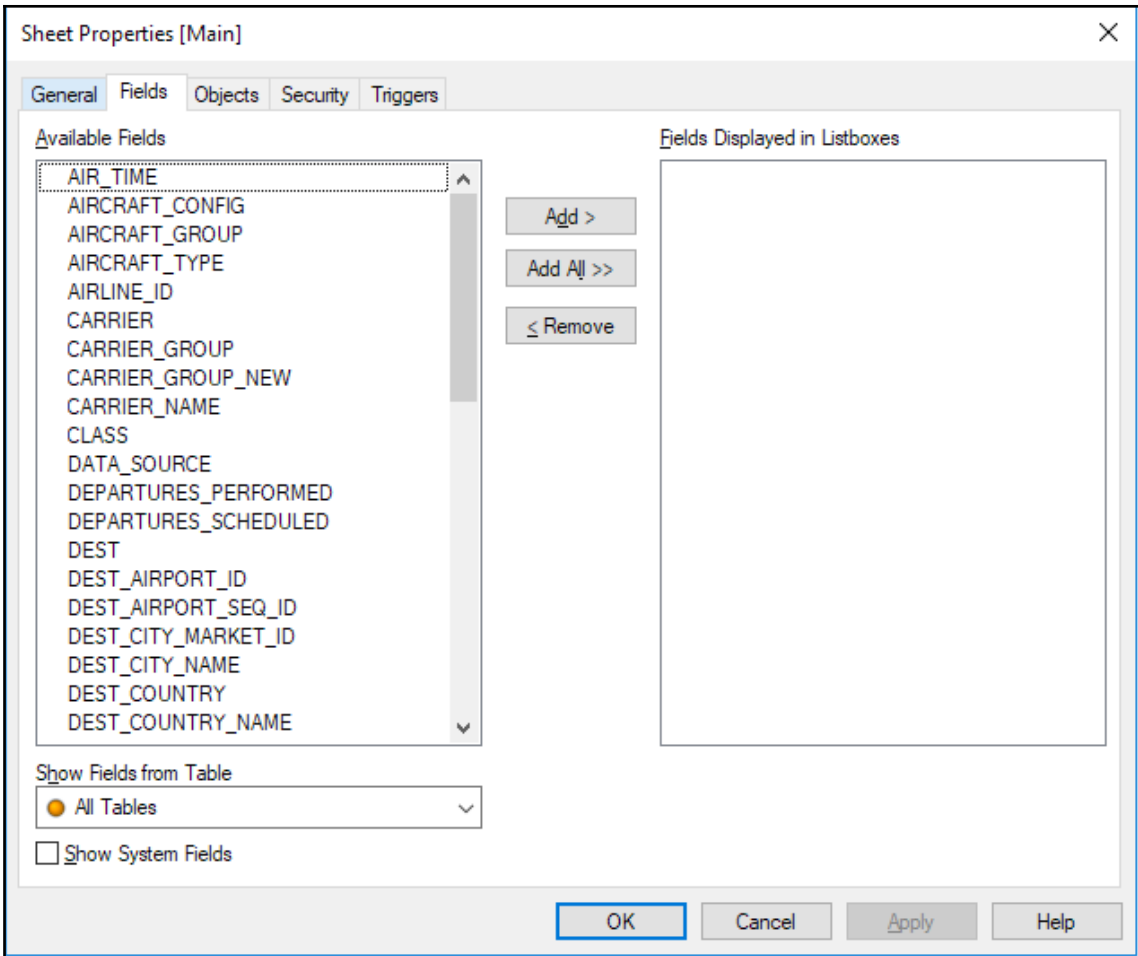
Labels
 Embedded Labels

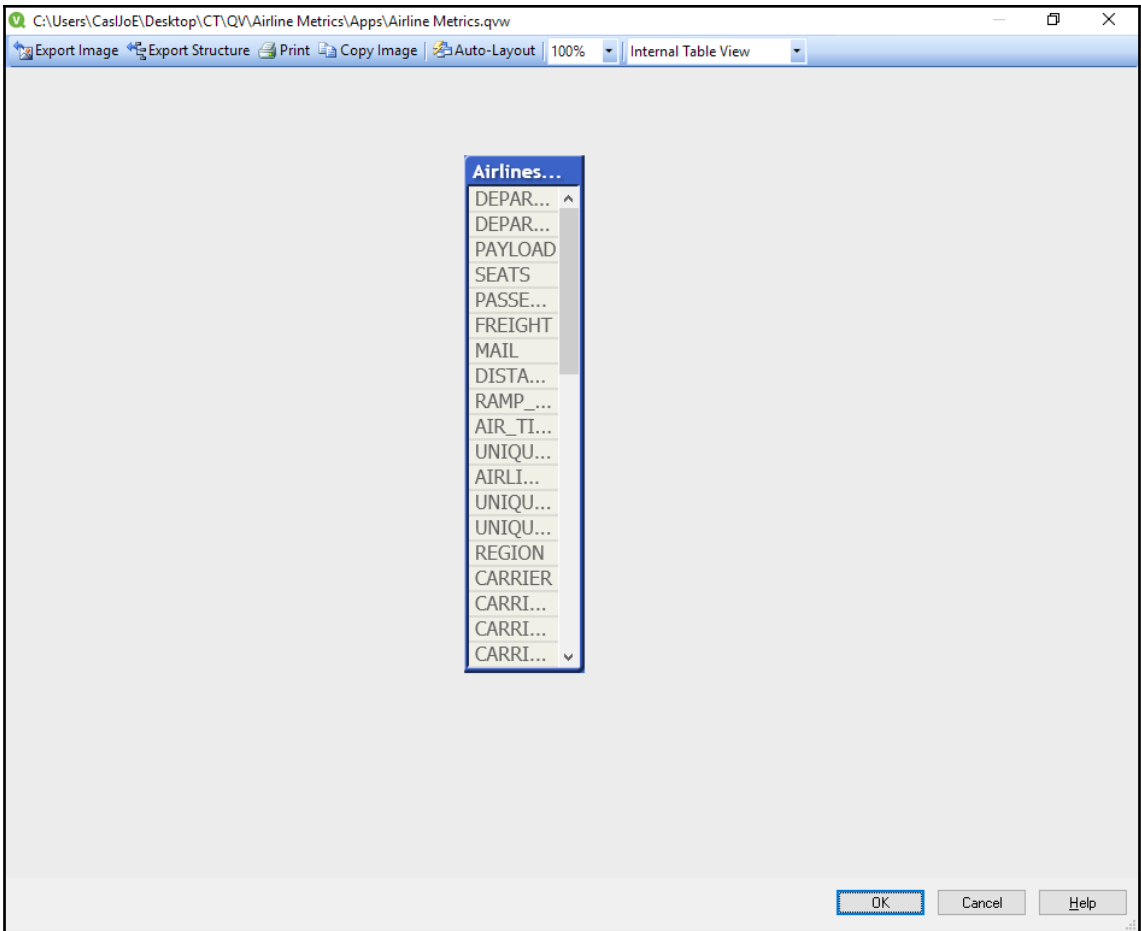
Ignore EOF

DEPARTURES_SCHEDULED	DEPARTURES_PERFORMED	PAYLOAD	SEATS	PASSENGERS	FREI
0.00	3.00	152100.00	576.00	339.00	0.00
0.00	1.00	49090.00	180.00	148.00	0.00
0.00	1.00	49090.00	180.00	99.00	0.00
0.00	1.00	29900.00	110.00	13.00	0.00
0.00	1.00	40270.00	160.00	53.00	0.00
0.00	1.00	49090.00	180.00	42.00	0.00
0.00	1.00	50700.00	192.00	153.00	0.00
0.00	1.00	32700.00	124.00	98.00	1183
0.00	2.00	98180.00	360.00	264.00	1133
0.00	2.00	101400.00	384.00	328.00	0.00
0.00	1.00	49090.00	180.00	164.00	0.00
0.00	1.00	49090.00	180.00	157.00	0.00
0.00	1.00	34446.00	132.00	128.00	0.00
0.00	1.00	49090.00	180.00	124.00	0.00
0.00	1.00	38879.00	157.00	112.00	6140
0.00	1.00	49090.00	180.00	124.00	0.00

≤ Back Next > Finish **Cancel** Help







C:\Users\Cas\JoE\Desktop\CT\QV\Airline Metrics\Apps\Airline Metrics.qvw

Export Image Export Structure Print Copy Image Auto-Layout 100% Internal Table View

Dialog

DEPARTURES_...	DEPARTURES_...	PAYLOAD	SEATS	PASSENGERS	FREIGHT	MAIL	
0.00	3.00	152100.00	576.00	339.00	0.00	0.00	0.00
0.00	1.00	49090.00	180.00	148.00	0.00	0.00	0.00
0.00	1.00	49090.00	180.00	99.00	0.00	0.00	0.00
0.00	1.00	29900.00	110.00	13.00	0.00	0.00	0.00
0.00	1.00	40270.00	160.00	53.00	0.00	0.00	0.00
0.00	1.00	49090.00	180.00	42.00	0.00	0.00	0.00
0.00	1.00	50700.00	192.00	153.00	0.00	0.00	0.00
0.00	1.00	32700.00	124.00	98.00	1183.00	0.00	0.00
0.00	2.00	98180.00	360.00	264.00	1133.00	0.00	0.00
0.00	2.00	101400.00	384.00	328.00	0.00	0.00	0.00
0.00	1.00	49090.00	180.00	164.00	0.00	0.00	0.00
0.00	1.00	49090.00	180.00	157.00	0.00	0.00	0.00
0.00	1.00	34446.00	132.00	128.00	0.00	0.00	0.00
0.00	1.00	49090.00	180.00	124.00	0.00	0.00	0.00
0.00	1.00	38879.00	157.00	112.00	6140.00	0.00	0.00
0.00	1.00	50700.00	192.00	69.00	5690.00	0.00	0.00
0.00	1.00	50700.00	192.00	165.00	0.00	0.00	0.00

Close Help

OK Cancel Help

Dialog

DEPARTURES_...	DEPARTURES_...	SEATS	PASSENGERS	FREIGHT	DISTANCE	RAMP_TO_RAMP
0	1	80	52	0	1498	0
0	1	80	52	0	1498	0
0	1	16	4	0	3837	0
0	1	16	4	0	4218	0
0	1	10	0	0	560	0
0	1	10	2	0	820	0
0	1	10	0	0	4055	0
0	1	10	2	0	3626	0
0	1	10	0	0	3549	0
0	1	10	1	0	3267	0
0	1	10	1	0	841	0
0	1	10	1	0	4006	0
0	1	14	5	0	3445	0
0	1	12	0	0	3070	0
0	1	12	4	0	5455	0
0	1	12	1	0	5455	0
0	1	18	2	0	2029	0

Close Help

Q Edit Script [C:\Users\josephs\Desktop\CT\Apps\Airline metrics - Copy.qvw] - - □ ×

File Edit Insert Tab Tools Help

Reload Debug [Icons] Tabs Main

Main Dimension

```
5 SET MoneyFormat='$#,##0.00;($#,##0.00)';
6 SET TimeFormat='h:mm:ss TT';
7 SET DateFormat='M/D/YYYY';
8 SET TimestampFormat='M/D/YYYY h:mm:ss[.fff] TT';
9 SET FirstWeekDay=6;
10 SET BrokenWeeks=1;
11 SET ReferenceDay=0;
12 SET FirstMonthOfYear=1;
13 SET CollationLocale='en-US';
14 SET MonthNames='Jan;Feb;Mar;Apr;May;Jun;Jul;Aug;Sep;Oct;Nov;Dec';
15 SET LongMonthNames='January;February;March;April;May;June;July;August;September;October;November;December';
16 SET DayNames='Mon;Tue;Wed;Thu;Fri;Sat;Sun';
17 SET LongDayNames='Monday;Tuesday;Wednesday;Thursday;Friday;Saturday;Sunday';
18
19 Airlines:
20 LOAD DEPARTURES_SCHEDULED, DEPARTURES_PERFORMED, SEATS, PASSENGERS, FREIGHT, DISTANCE,
21     RAMP_TO_RAMP, AIR_TIME, UNIQUE_CARRIER, AIRLINE_ID, UNIQUE_CARRIER_ENTITY, CARRIER_GROUP_NEW,
22     ORIGIN_AIRPORT_ID, ORIGIN_WAC, DEST_AIRPORT_ID, DEST_WAC, AIRCRAFT_GROUP, AIRCRAFT_TYPE,
23     AIRCRAFT_CONFIG, YEAR, QUARTER, MONTH, DISTANCE_GROUP, CLASS, DATA_SOURCE
24 FROM [..\Data\xls\2017_465073372_T_T100_SEGMENT_ALL_CARRIER.csv]
25 (txt, codepage is 1252, embedded labels, delimiter is ',', msq);
26
```

Data Functions Variables Settings

Database: ODBC [v] [Connect...] [Select...]

Force 32 Bit

Data from Files: Relative Paths Use FTP

[Table Files...] [QlikView File...] [Web Files...] [Field Data...]

[OK] [Cancel] [Help]

Sheet Properties [Copy of Main]



General Fields Objects Security Triggers

Available Fields

- #DEPARTURES_SCHEDULED
- AIR_TIME
- AIRCRAFT_CONFIG
aircraft_config_name
- AIRCRAFT_GROUP
aircraft_group_name
- AIRCRAFT_TYPE
aircraft_type_name
Airline Name
- AIRLINE_ID
carrier_entity_name
carrier_group_name
- CARRIER_GROUP_NEW
- CLASS
- DATA_SOURCE
data_source_desc
- DEPARTURES_PERFORMED
- DEPARTURES_SCHEDULED
- Description
- dest_airport

Fields Displayed in Listboxes

Empty listbox area for fields displayed in listboxes.

Add >
Add All >>
≤ Remove

Show Fields from Table

All Tables

Show System Fields

OK Cancel Apply Help

Sheet Properties [Copy of Main]



General Fields Objects Security Triggers

Available Fields

- aircraft_config_name
- aircraft_group_name
- aircraft_type_name
- AIRLINE_ID
- carrier_entity_name
- carrier_group_name
- CARRIER_GROUP_NEW
- data_source_desc
- DEPARTURES_PERFORMED
- DEPARTURES_SCHEDULED
- Description
- dest_airport
- DEST_AIRPORT_ID
- dest_city
- DEST_WAC
- Dest_WAC
- DISTANCE
- DISTANCE_GROUP
- distance_group_desc
- Dom / Int

Add >

Add All >>

< Remove

Fields Displayed in Listboxes

- AIR_TIME
- AIRCRAFT_CONFIG
- AIRCRAFT_GROUP
- AIRCRAFT_TYPE
- Airline Name
- CLASS
- DATA_SOURCE

Show Fields from Table

All Tables

Show System Fields

OK

Cancel

Apply

Help

AIRCRAFT_CO...	CLASS	DATA_SOURCE	AFT_TYPE	AIR_TIME	Airline Name
	A	DF	007	0	21 Air LLC
	C	DU	008	1	40-Mile Air
	E	IF	009	2	A/S Conair
	F	IU	10	3	AAA Airlines
	G		020	4	AAA-Action Air Carrier Inc.
	H		024		AAR Western Skyways
	K		26		Abaco Air, Ltd.
	L		029		ABC Aerolineas SA de CV dt
	N		30		Abelag Aviation AG
	P		31		ABS JETS A.S
	Q		032		ABSA-Aerolinhas Brasileiras
	R		33		ABX Air Inc
	V		34		Academy Airlines
	Z		35		Accessair Holdings
			36		Aces Airlines
			037		ACM AIR CHARTER GmbH
			038		Acropolis Aviation Ltd.
			39		Action Airlines
			40		

QlikView x64 Personal Edition - [C:\Users\josephs\Desktop\CT\Apps\Airline metrics - Copy.qvw*]

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Main Dashboard Copy of Main

AIRCRAFT_CO...	AIRCRAFT_GR...	CLASS	AIR_TIME	DATA_SOURCE	Airline Name	AIRCRAFT_TYPE
0	0	A	0	DF	21 Air LLC	007
1	1	C	1	DU	40-Mile Air	008
2	2	E	2	IF	A/S Conair	009
3	3	F	3	IU	AAA Airlines	10
4	4	G	4		AAA-Action Air Carrier Inc.	020
5	5	H	5		AAR Western Skyways	024
6	6	K	6		Abaco Air, Ltd.	26
7	7	L	7		ABC Aerolineas SA de CV dt	029
8	8	N	8		Abelag Aviation AG	30
9	9	P	9		ABS JETS A.S	31
		Q	10		ABSA-Aerolinhas Brasileiras	032
		R	11		ABX Air Inc	33
		V	12		Academy Airlines	34
		Z	13		Accessair Holdings	35
			14		Aces Airlines	36
			15		ACM AIR CHARTER GmbH	037
			16		Acropolis Aviation Ltd.	038
			17		Action Airlines	39
			18			40

QlikView x64 Personal Edition - [C:\Users\josephs\Desktop\CT\Apps\Airline metrics - Copy.qvw*]

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Main Dashboard Copy of Main

AIRCRAFT_GR...	CLASS	AIR_TIME	DATA_SOURCE	Airline Name	AIRCRAFT_TYPE
0	A	0	DF	ABX Air Inc	625
1	C	11	DU	21 Air LLC	626
2	E	12	IF	40-Mile Air	007
3	F	15	IU	A/S Conair	008
4	G	16		AAA Airlines	009
5	H	17		AAA-Action Air Carrier Inc.	10
6	K	18		AAR Western Skyways	020
7	L	19		Abaco Air, Ltd.	024
8	N	20		ABC Aerolineas SA de CV dt	26
9	P	21		Abelag Aviation AG	029
	Q	22		ABS JETS A.S	30
	R	23		ABSA-Aerolinhas Brasileiras	31
	V	24		Academy Airlines	032
	Z	25		Accessair Holdings	33
		27		Aces Airlines	34
		28		ACM AIR CHARTER GmbH	35
		29		Acropolis Aviation Ltd.	36
		30		Action Airlines	037
		31			038

QlikView x64 Personal Edition - [C:\Users\josephs\Desktop\CT\Apps\Airline metrics - Copy.qvw*]

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Main Dashboard Copy of Main

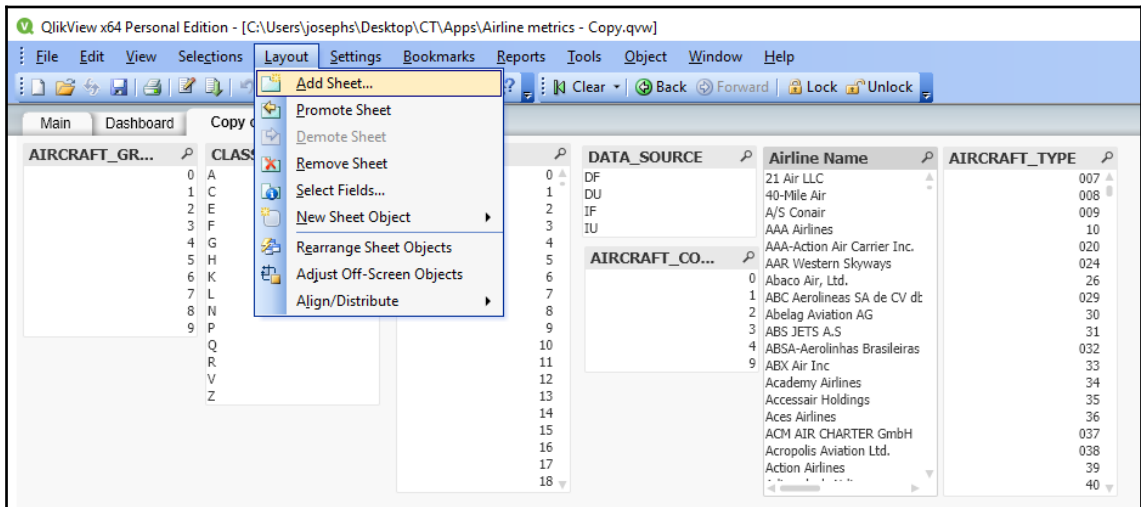
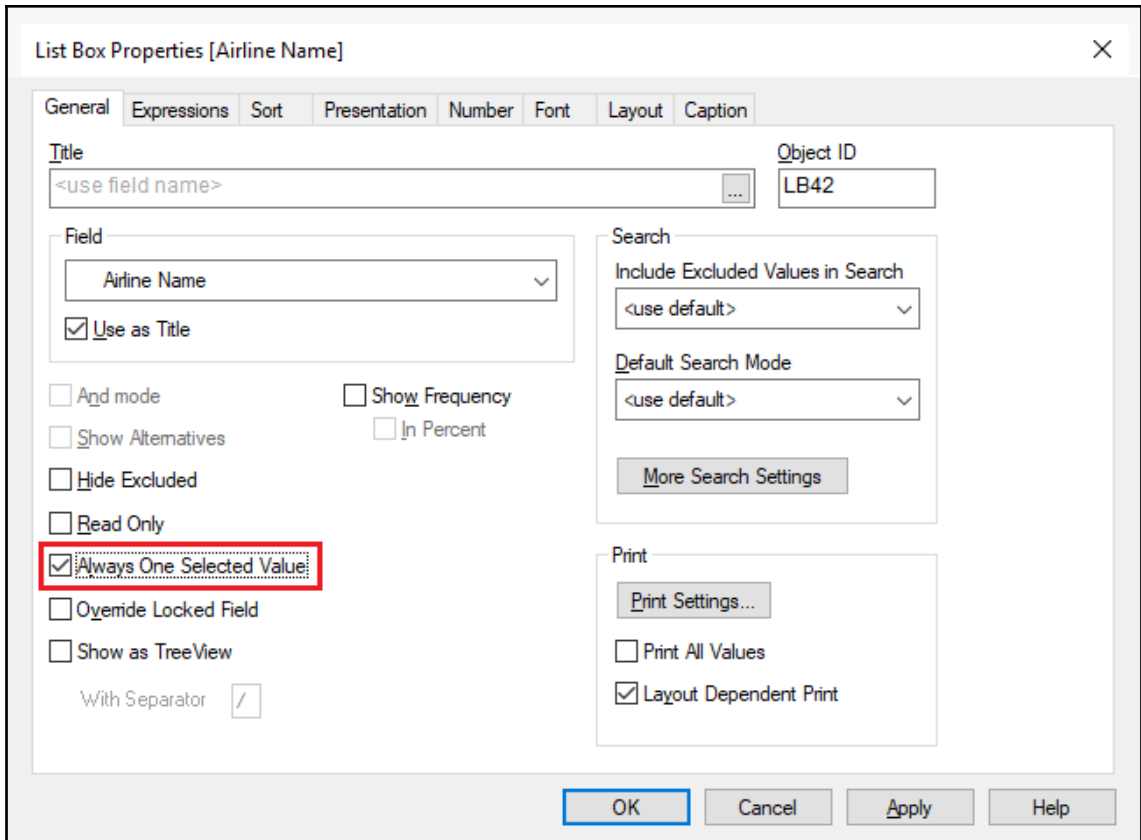
AIRCRAFT_GR...	CLASS	AIR_TIME	DATA_SOURCE	Airline Name	AIRCRAFT_TYPE
0	A	18	DF	ABX Air Inc	625
1	C	12	DU	Air Charter, Inc d/b/a Air Fl	626
2	E	15	IF	Air Transport International	007
3	F	16	IU	Ameristar Air Cargo	008
4	G	17		Arctic Transportation	009
5	H	20		Atlas Air Inc.	10
6	K	21		Bering Air Inc.	020
7	L	24		Bidzy Ta Hot Aana, Inc. d/b	024
8	N	28		Frontier Flying Service	26
9	P	29		Gulf And Caribbean Cargo	029
	Q	30		Hageland Aviation Service	30
	R	31		Iliamna Air Taxi	31
	V	33		Island Air Service	032
	Z	34		Kalinin Aviation LLC d/b/a A	33
		35		Lynden Air Cargo Airlines	34
		36		National Air Cargo Group In	35
		37		Northern Air Cargo Inc.	36
		38		Prescott Support Company	037
		39			038

QlikView x64 Personal Edition - [C:\Users\josephs\Desktop\CT\Apps\Airline metrics - Copy.qvw*]

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Main Dashboard Copy of Main

AIRCRAFT_GR...	CLASS	AIR_TIME	DATA_SOURCE	Airline Name	AIRCRAFT_TYPE
0	A	0	DF	21 Air LLC	103
1	C	1	DU	40-Mile Air	104
2	E	2	IF	A/S Conair	105
3	F	3	IU	AAA Airlines	110
4	G	4		AAA-Action Air Carrier Inc.	111
5	H	5		AAR Western Skyways	113
6	K	6		Abaco Air, Ltd.	115
7	L	7		ABC Aerolineas SA de CV dt	117
8	N	8		Abelag Aviation AG	120
9	P	9		ABS JETS A.S	121
	Q	10		ABSA-Aerolinhas Brasileiras	122
	R	11		ABX Air Inc	123
	V	12		Academy Airlines	125
	Z	13		Accessair Holdings	128
		14		Aces Airlines	130
		15		ACM AIR CHARTER GmbH	131
		16		Acropolis Aviation Ltd.	132
		17		Action Airlines	133
		18			140



Sheet Properties [Dashboard] ✕

General Fields Objects Security Triggers

Title: ...

Sheet ID:

Show Sheet: Always Conditional

Zoom (Percent):

Theme Maker...
Apply Theme...

Background

Document Default

Sheet Settings

Color

Image

No preview available

Image Formatting: ▾

Horizontal: ▾

Vertical: ▾

Tab Settings

Classic Gray

Sheet Background

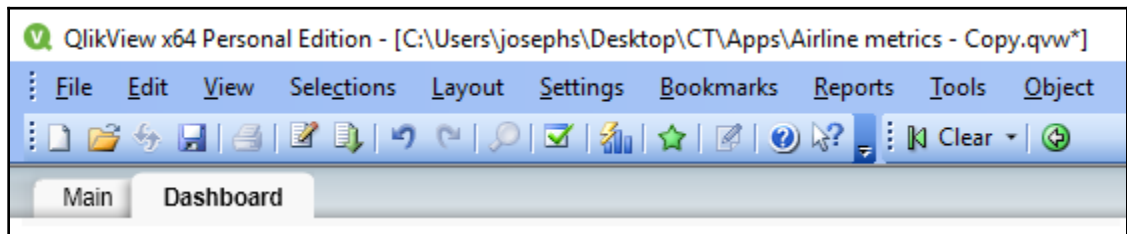
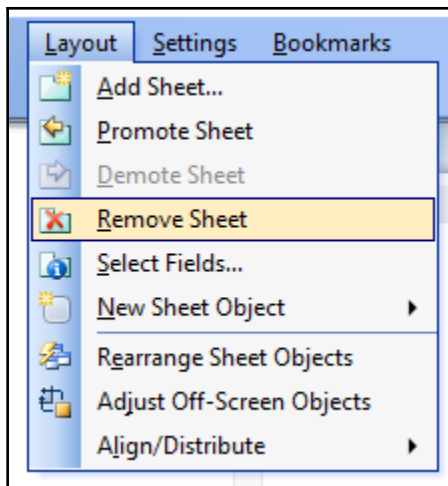
Custom Colors

Tab Color:

Tab Text Color:

Apply to All

OK Cancel Apply Help



Sheet Properties [Copy of Main]



General Fields Objects Security Triggers

Available Fields

- #DEPARTURES_SCHEDULED
- AIR_TIME
- AIRCRAFT_CONFIG
aircraft_config_name
- AIRCRAFT_GROUP
aircraft_group_name
- AIRCRAFT_TYPE
aircraft_type_name
Airline Name
- AIRLINE_ID
carrier_entity_name
carrier_group_name
- CARRIER_GROUP_NEW
- CLASS
- DATA_SOURCE
data_source_desc
- DEPARTURES_PERFORMED
- DEPARTURES_SCHEDULED
- Description
- dest_airport

Fields Displayed in Listboxes

Empty box for fields displayed in listboxes

Add >
Add All >>
≤ Remove

Show Fields from Table

All Tables

Show System Fields

OK Cancel Apply Help

New List Box ✕

General Expressions Sort Presentation Number Font Layout Caption

Title Object ID

Field Use as Title

And mode Show Frequency
 Show Alternatives In Percent
 Hide Excluded
 Read Only
 Always One Selected Value
 Override Locked Field
 Show as TreeView

With Separator

Search

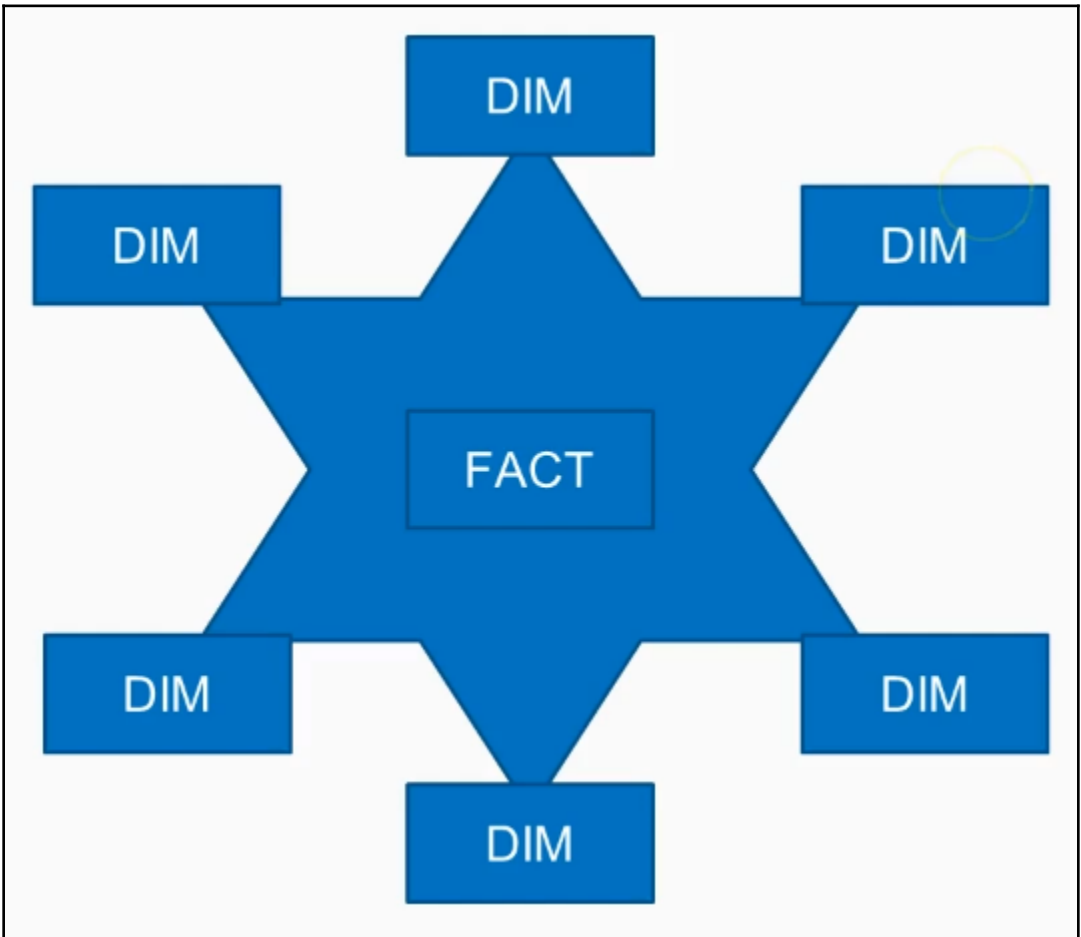
Include Excluded Values in Search

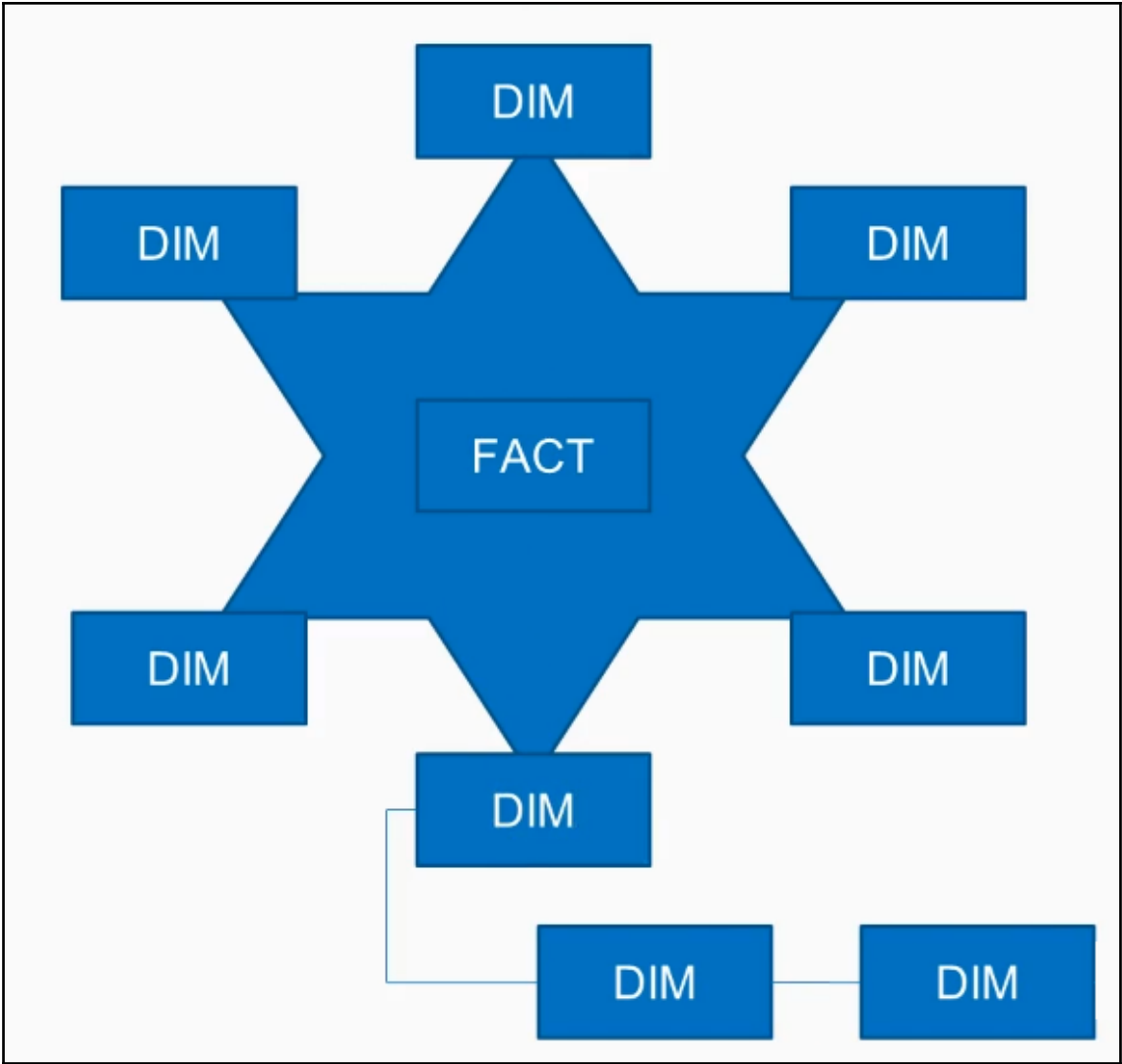
Default Search Mode

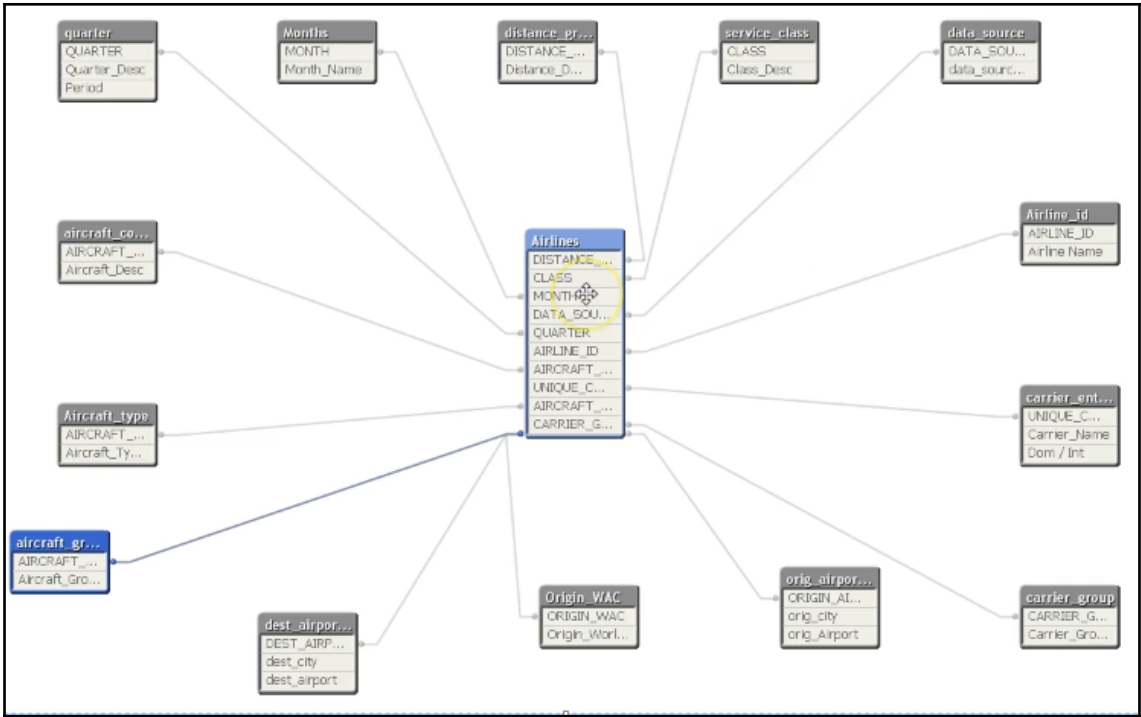
Print

Print All Values
 Layout Dependent Print

Chapter 3: Creating Data Models







File Wizard - Type

File Type: Delimited, Fixed Record, dfl, Excel (xls), Excel (xlsx), Html, Qvd, Xml, Qvx

Delimiter: Comma, Quoting: MSQ, Header Size: None, Character Set: Western European, Labels: Embedded Labels, Ignore EOF

DEPARTURES_SCHEDULED	DEPARTURES_PERFORMED	SEATS	PASSENGERS	WEIGHT	DISTANCE	HAZ_TO_SAFE	HAZ_TIME	ENROUTE_CARRIER	AIRLINE_ID	ENROUTE_CARRIER_ENTITY	CARRIER_GROUP_NUM	ORIGIN_AIRPO
0	1	80	52	0	1498	0	0	0Q	21040	71004	0	13094
0	1	80	53	0	1498	0	0	0Q	21040	71004	0	14085
0	1	16	4	0	3937	0	0	0R	21186	71033	0	13757
0	1	16	4	0	4218	0	0	0R	21186	71033	0	14275
0	1	16	0	0	580	0	0	0Q	21196	71035	0	10581
0	1	16	2	0	820	0	0	0Q	21196	71035	0	10821
0	1	16	0	0	4355	0	0	0Q	21196	71035	0	10821
0	1	16	2	0	3624	0	0	0Q	21196	71035	0	11628
0	1	16	0	0	2649	0	0	0Q	21196	71035	0	11622
0	1	16	1	0	3247	0	0	0Q	21147	71025	0	10292
0	1	16	1	0	841	0	0	0Q	21147	71025	0	10581
0	1	16	1	0	4206	0	0	0Q	21147	71025	0	10778
0	1	14	5	0	3445	0	0	0Q	21147	71025	0	11628
0	1	12	0	0	3070	0	0	0Q	21308	71042	0	11628
0	1	12	4	0	3455	0	0	0Q	21308	71042	0	11628
0	1	12	1	0	3455	0	0	0Q	21308	71042	0	12892
0	1	18	2	0	2923	0	0	0Q	21308	71042	0	13218
0	1	18	0	0	2490	0	0	0Q	21308	71042	0	13353
0	1	12	2	0	4368	0	0	0Q	21308	71042	0	13461
0	1	19	5	0	3696	0	0	0Q	21308	71042	0	13619
0	1	18	2	0	3934	0	0	0Q	21308	71042	0	15147
0	1	12	5	0	190	0	0	0R	21309	71043	0	10721
0	1	14	1	0	3874	0	0	0R	21309	71043	0	12197
0	1	12	5	0	3445	0	0	0R	21309	71043	0	13094
0	1	14	4	0	3374	0	0	0R	21309	71043	0	13156

Navigation: < Back, Next >, Finish, Cancel, Help


```

Directory: I
LOAD DEPARTURES_SCHEDULED, DEPARTURES_PERFORMED, SEATS, PASSENGERS, FREIGHT, DISTANCE,
RAMP TO RAMP, AIR_TIME, UNIQUE_CARRIER, AIRLINE_ID, UNIQUE_CARRIER_ENTITY, CARRIER_GROUP_NEW,
ORIGIN_AIRPORT_ID, ORIGIN_WAC, DEST_AIRPORT_ID, DEST_WAC, AIRCRAFT_GROUP, AIRCRAFT_TYPE,
AIRCRAFT_CONFIG, YEAR, QUARTER, MONTH, DISTANCE_GROUP, CLASS, DATA_SOURCE
FROM [..\Data\xls\2017_465073372_T_T100_SEGMENT_ALL_CARRIER.csv]
(txt, codepage is 1252, embedded labels, delimiter is ',', msq);

```

```

Airlines:|
LOAD DEPARTURES_SCHEDULED, DEPARTURES_PERFORMED, SEATS, PASSENGERS, FREIGHT, DISTANCE,
RAMP TO RAMP, AIR_TIME, UNIQUE_CARRIER, AIRLINE_ID, UNIQUE_CARRIER_ENTITY, CARRIER_GROUP_NEW,
ORIGIN_AIRPORT_ID, ORIGIN_WAC, DEST_AIRPORT_ID, DEST_WAC, AIRCRAFT_GROUP, AIRCRAFT_TYPE,
AIRCRAFT_CONFIG, YEAR, QUARTER, MONTH, DISTANCE_GROUP, CLASS, DATA_SOURCE
FROM [..\Data\xls\2017_465073372_T_T100_SEGMENT_ALL_CARRIER.csv]
(txt, codepage is 1252, embedded labels, delimiter is ',', msq);

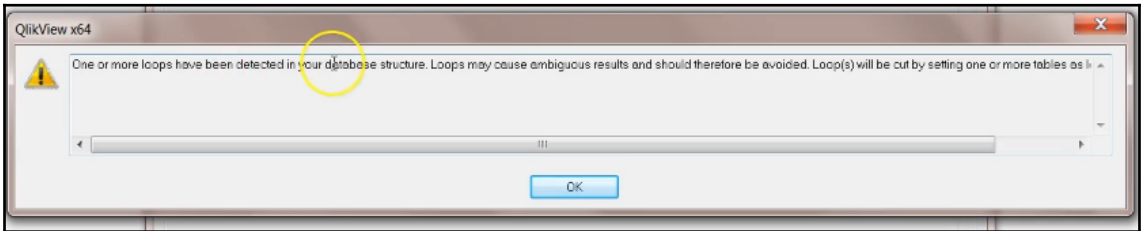
```

2017_465073372_T_T100_SEGMENT_ALL_CARRIER	3/21/2018 10:19 AM
aircraft config	3/4/2018 2:01 PM
aircraft group	3/4/2018 2:01 PM
aircraft type	3/4/2018 2:01 PM
data source	3/4/2018 2:01 PM
dest airport code	3/12/2018 6:56 PM
distance group	3/4/2018 2:01 PM
L_AIRLINE_ID	3/12/2018 6:03 PM
L_CARRIER_GROUP_NEW	3/4/2018 1:59 PM
L_UNIQUE_CARRIER_ENTITIES	3/12/2018 6:56 PM
month	3/4/2018 2:01 PM
origni_wac_world_area_code	3/4/2018 2:00 PM
quarter	3/12/2018 6:48 PM
service class	3/4/2018 2:01 PM

```

aircraft_config:
LOAD Code as AIRCRAFT_CONFIG, Description
FROM [..\Data\xls\aircraft_config.csv]
(txt, codepage is 1252, embedded labels, delimiter is ',', msq);

```



Script Execution Progress



Executing Script ...

This may take up to several minutes depending on the size of the script.

Started at 12:47:41, Ended at 12:47:59, Elapsed: 00:00:18

Click the End Here button to stop script at its current position. Click the Abort button to abort the script execution.

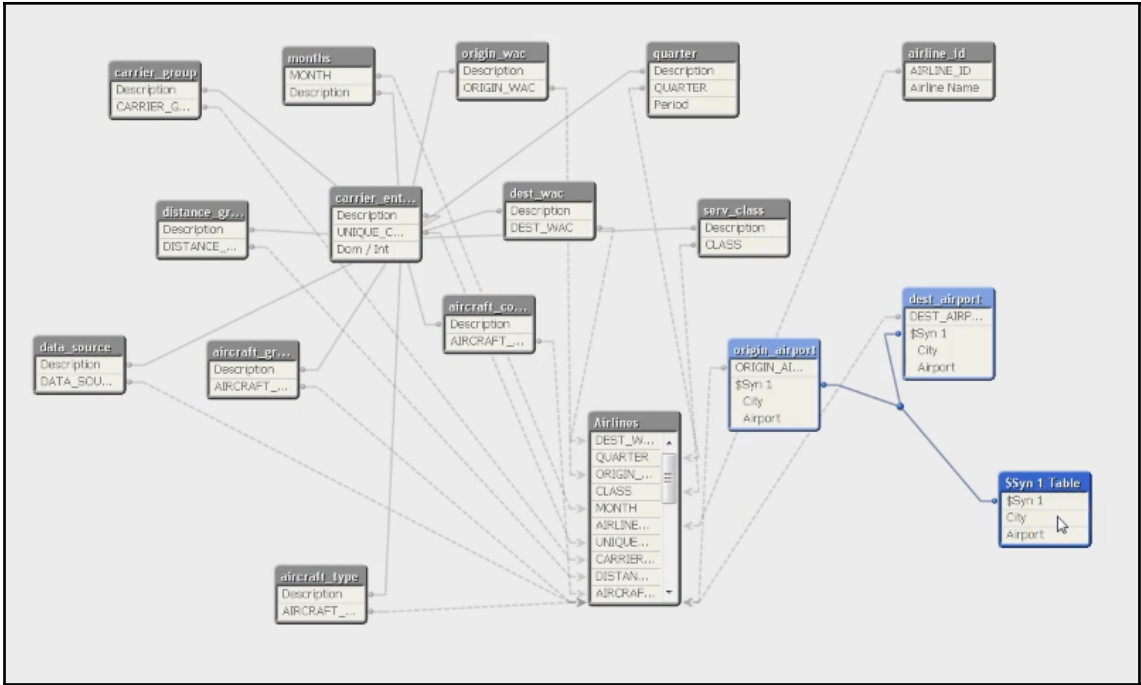
```
Airlines << 2017 465073372_T_T100_SEGMENT_ALL_CARRIER 311,350 Lines fetched
aircraft_config << aircraft config 6 Lines fetched
aircraft_group << aircraft group 10 Lines fetched
aircraft_type << aircraft type 413 Lines fetched
data_source << data source 4 Lines fetched
dest_airport << dest airport code 6,454 Lines fetched
origin_airport << dest airport code 6,454 Lines fetched
distance_group << distance group 25 Lines fetched
airline_id << L_AIRLINE_ID 1,639 Lines fetched
carrier_group << L_CARRIER_GROUP_NEW 9 Lines fetched
carrier_entities << L_UNIQUE_CARRIER_ENTITIES 2,097 Lines fetched
months << month 12 Lines fetched
origin_wac << origni wac world area code 333 Lines fetched
dest_wac << origni wac world area code 333 Lines fetched
quarter << quarter 4 Lines fetched
serv class << service class 14 Lines fetched
$Syn 1 = City+Airport I
```

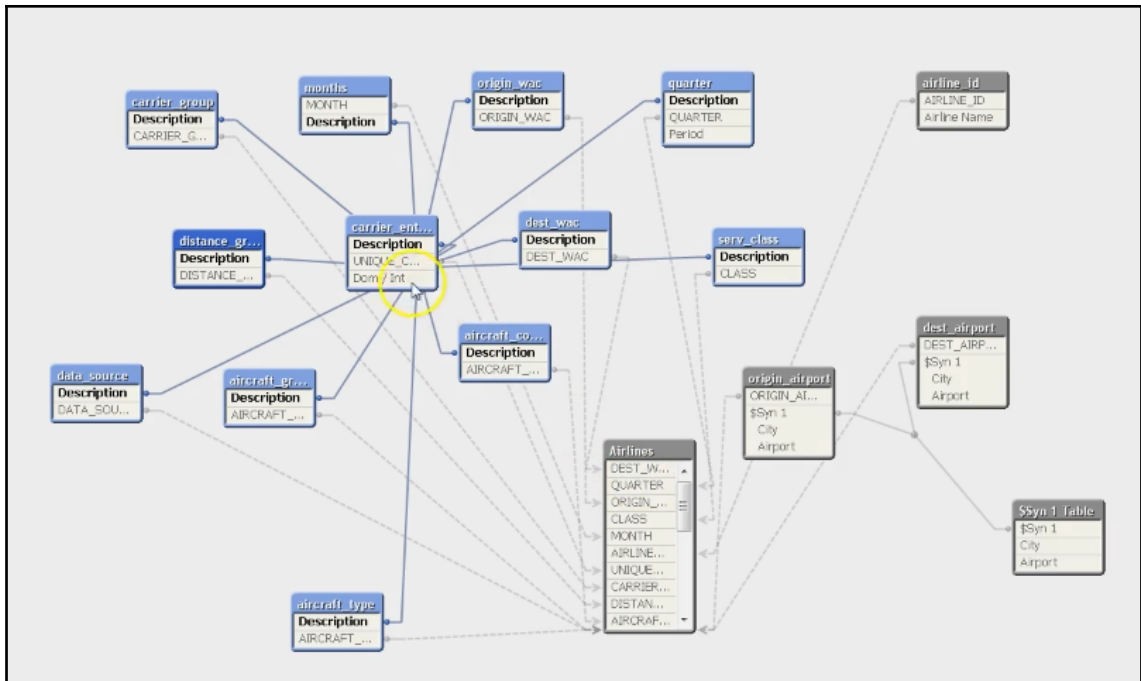
Close when finished

Close

End Here

Abort





```

distance_group:
LOAD Code as DISTANCE_GROUP, Description as distance_group_desc
FROM [..\Data\xls\distance group.csv]
(txt, codepage is 1252, embedded labels, delimiter is ',', msq);

airline_id:
LOAD Code as AIRLINE_ID, [Airline Name]
FROM [..\Data\xls\L_AIRLINE_ID.csv] (txt, codepage is 1252, embedded labels, delimiter is ',', msq);

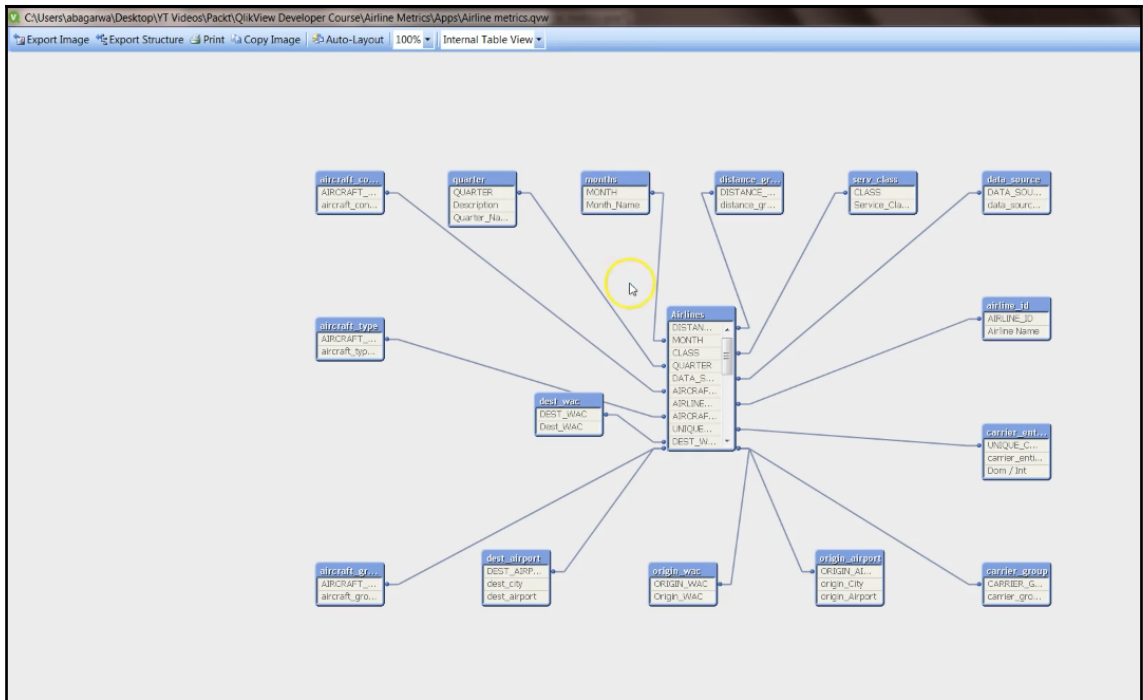
carrier_group:
LOAD Code as CARRIER_GROUP_NEW, Description as carrier_group_name
FROM [..\Data\xls\L_CARRIER_GROUP_NEW.csv]
(txt, codepage is 1252, embedded labels, delimiter is ',', msq);

carrier_entities:
LOAD Code as UNIQUE_CARRIER_ENTITY, Description as carrier_entity_name, [Dom / Int]
FROM [..\Data\xls\L_UNIQUE_CARRIER_ENTITIES.csv]
(txt, codepage is 1252, embedded labels, delimiter is ',', msq);

months:
LOAD Code as MONTH, Description as Month_Name
FROM [..\Data\xls\month.csv] (txt, codepage is 1252, embedded labels, delimiter is ',', msq);

origin_wac:
LOAD Code as ORIGIN_WAC, Description as Origin_WAC
FROM [..\Data\xls\L_ORIGIN_WAC.csv] (txt, codepage is 1252, embedded labels, delimiter is ',', msq);

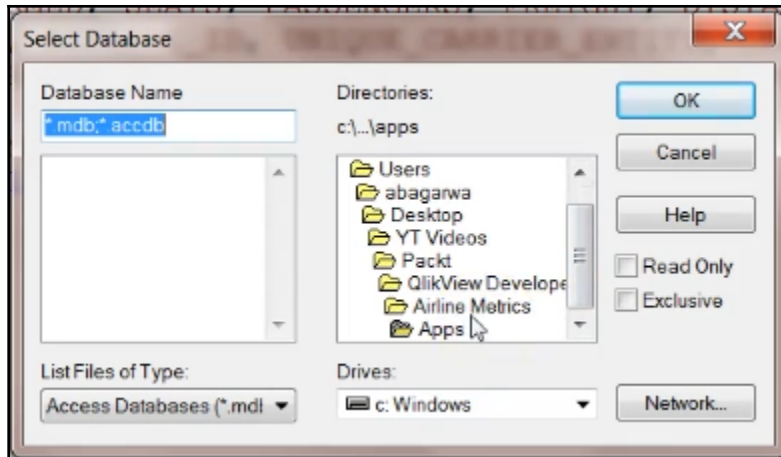
```



The screenshot shows a 'Connect to Data Source' dialog box. The 'User ID' field is highlighted with a yellow circle. The 'Data Sources' list includes:

- Amazon Redshift ODBC DSN
- dBASE Files
- Excel Files
- MS Access Database
- redshiftdb32

The 'Show User DSNs' checkbox is checked. There are buttons for 'OK', 'Cancel', 'Help', and 'Test Connection...'.



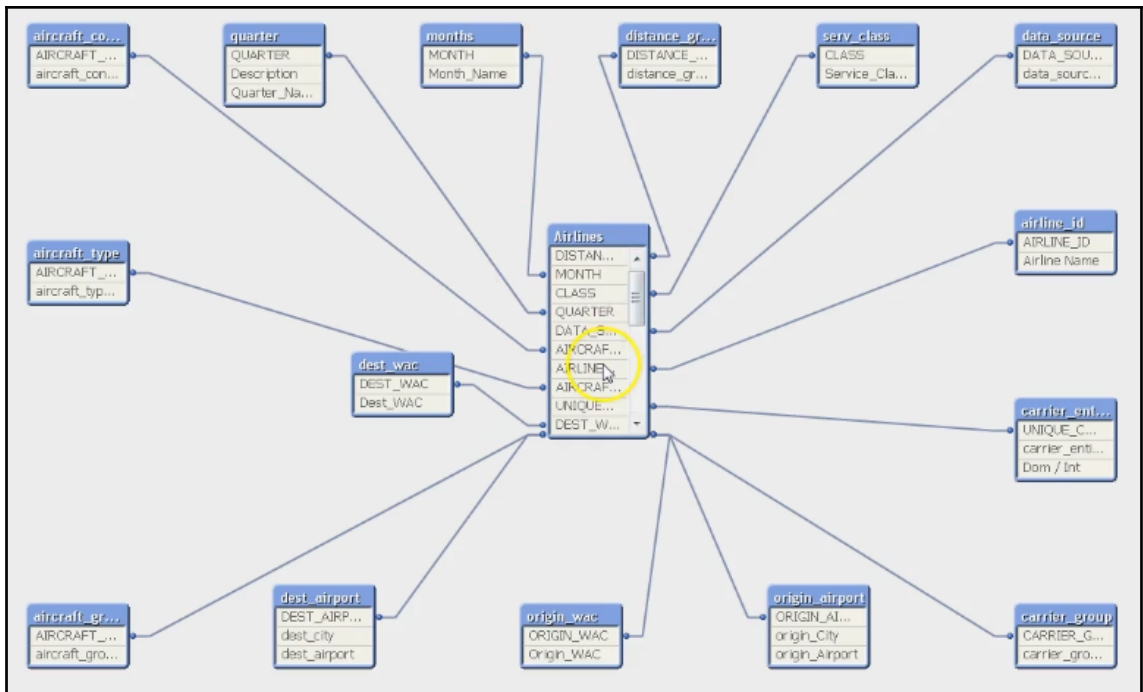
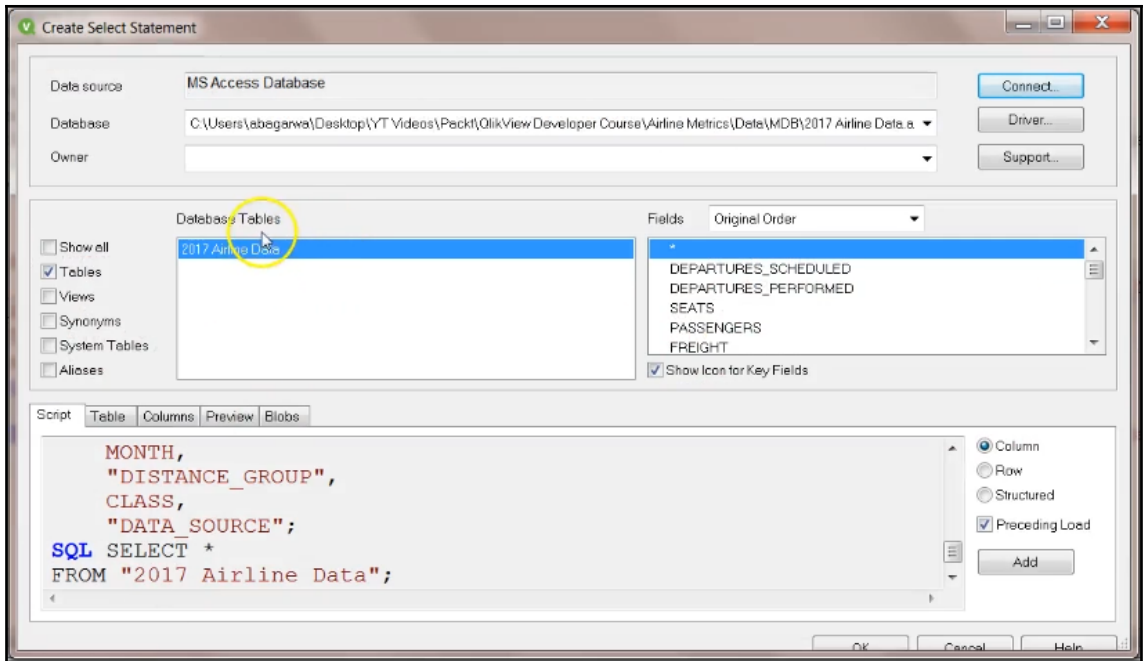
```

SET BrokenWeeks=1;
SET ReferenceDay=0;
SET FirstMonthOfYear=1;
SET CollationLocale='en-US';
SET MonthNames='Jan;Feb;Mar;Apr;May;Jun;Jul;Aug;Sep;Oct;Nov;Dec';
SET LongMonthNames='January;February;March;April;May;June;July;August;September;October;November;December';
SET DayNames='Mon;Tue;Wed;Thu;Fri;Sat;Sun';
SET LongDayNames='Monday;Tuesday;Wednesday;Thursday;Friday;Saturday;Sunday';

Airlines:
LOAD DEPARTURES_SCHEDULED, DEPARTURES_PERFORMED, SEATS, PASSENGERS, FREIGHT, DISTANCE,
RAMP_TO_RAMP, AIR_TIME, UNIQUE_CARRIER, AIRLINE_ID, UNIQUE_CARRIER_ENTITY, CARRIER_GROUP_NEW,
ORIGIN_AIRPORT_ID, ORIGIN_WAC, DEST_AIRPORT_ID, DEST_WAC, AIRCRAFT_GROUP, AIRCRAFT_TYPE,
AIRCRAFT_CONFIG, YEAR, QUARTER, MONTH, DISTANCE_GROUP, CLASS, DATA_SOURCE
FROM [..\Data\xls\2017_465073372_T_T100_SEGMENT_ALL_CARRIER.csv]
(txt, codepage is 1252, embedded labels, delimiter is ',', msq);

ODBC CONNECT32 TO [MS Access Database;DBQ=C:\Users\abagarwa\Desktop\YT Videos\Packt\QlikView Developer Course\Airline Metrics\Da

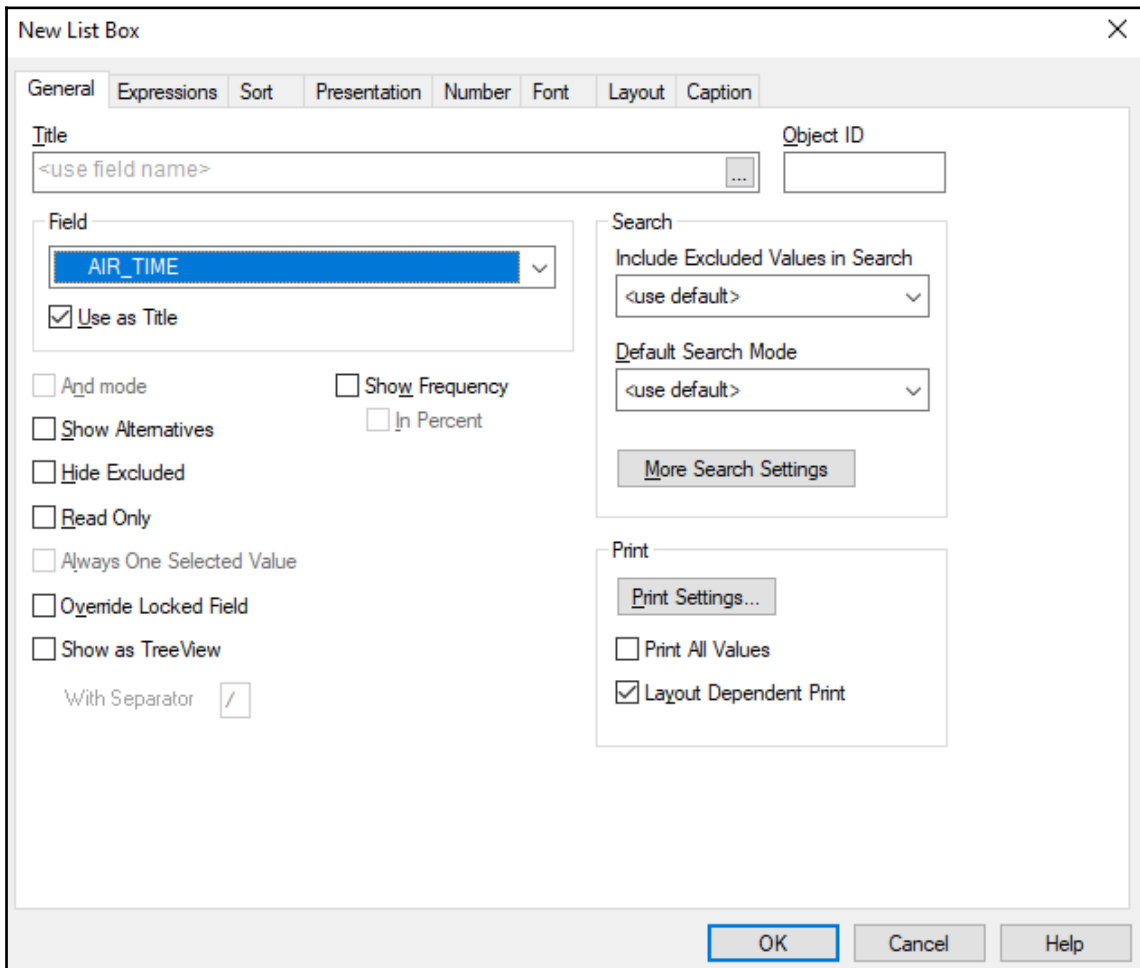
```



Airlines	
DISTANCE_GROUP	
MONTH	
CLASS	
QUARTER	
DATA_SOURCE	
AIRCRAFT_CON	
AIRLINE_ID	
AIRCRAFT_TYPE	

DISTANCE_GROUP [Key]
Information density: 100%
Subset ratio: 84%
Tags: \$key, \$numeric, \$integer

Chapter 4: Components in QlikView



YEAR	
	2012
	2013
	2014
	2015
	2016
	2017

Airline Name

21 Air LLC	0.1%
40-Mile Air	0.1%
A/S Conair	0.1%
AAA Airlines	0.1%
AAA-Action Air Car	0.1%
AAR Western Skyw	0.1%
Abaco Air, Ltd.	0.1%
ABC Aerolineas SA	0.1%
Abelan Aviation AC	0.1%

- 1
- 2
- 3
- 4

Origin_WAC

Afghanistan
Alabama
Alaska
Albania
Alberta
Algeria
American Samoa
Andorra

YEAR

- 2012
- 2013
- 2014
- 2015
- 2016
- 2017

Airline Name

21 Air LLC
40-Mile Air
A/S Conair
AAA Airlines
AAA-Action Air Carrier Inc.
AAR Western Skyways
Abaco Air, Ltd.
ABC Aerolineas SA de CV dt
Abelair Aviation AC

Origin_WAC

Afghanistan
Alabama
Alaska
Albania
Alberta
Algeria
American Samoa
Andorra

Dest_WAC

Afghanistan
Alabama
Alaska
Albania
Alberta
Algeria
American Samoa

YEAR

2012 2013 2014 2015 2016 2017

QUARTER

1 2 3 4

List Box Properties [YEAR] ✕

General Expressions Sort **Presentation** Number Font Layout Caption

Image Options

Representation
Text

Image Formatting
Fill with Aspect

Hide Text When Image Missing

Selection Style Override
<User Default>

Single Column
 Suppress Horizontal Scroll Bar

Fixed Number of Columns 6

Order by Column

Cell Borders

Highlight Search Substring

Background...

Alignment

	Left	Center	Right
<u>T</u> ext	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>N</u> umbers	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Multiline Settings

Wrap Cell Text

Height 2 Lines

OK Cancel Apply Help

YEAR		
2012	2015	2013
2016	2014	2017

Airline Name 🔍

21 Air LLC	0.1%	▲
40-Mile Air	0.1%	●
A/S Conair	0.1%	●
AAA Airlines	0.1%	●
AAA-Action Air Car	0.1%	●
AAR Western Skyw	0.1%	●
Abaco Air, Ltd.	0.1%	●
ABC Aerolineas SA	0.1%	●
Abelan Aviation AC	0.1%	▼

Origin_WAC 🔍

Afghanistan	▲
Alabama	●
Alaska	●
Albania	●
Alberta	●
Algeria	●
American Samoa	●
Andorra	▼

Dest_WAC 🔍

Afghanistan	▲
Alabama	●
Alaska	●
Albania	●
Alberta	●
Algeria	●
American Samoa	▼

YEAR 🔍

2012	2013	2014	2015	2016	2017
------	------	------	------	------	------

QUARTER 🔍

1	2	3	4
---	---	---	---

List Box Properties [YEAR]



General Expressions Sort Presentation Number Font Layout Caption

Sort by

- State Auto Ascending ▾
- Expression ▾
- Frequency ▾
- Numeric Value Ascending ▾
- Text ▾
- Load Order ▾

Default

OK Cancel Apply Help

Airline Name 🔍

40-Mile Air	0.3%	▲
Abaco Air, Ltd.	0.3%	▼
ABC Aerolineas SA	0.3%	
ABS JETS A.S	0.3%	
ABSA-Aerolinhas B	0.3%	
ABX Air Inc	0.3%	
ACM AIR CHARTER	0.3%	
Acropolis Aviation I	0.3%	
Aer Lingus Dlr	0.3%	▼

Origin_WAC 🔍

Alabama	▲
Alaska	▼
Alberta	
Angola	
Anguilla	
Antigua and Barbuda	
Argentina	
Arizona	▼

Dest_WAC 🔍

Alabama	▲
Alaska	▼
Alberta	
Algeria	
Angola	
Anguilla	
Antigua and Barbuda	▼

YEAR 🔍

2012	2013	2014	2015	2016	2017
------	------	------	------	------	------

QUARTER 🔍

1	2	3	4
---	---	---	---

General



Window Title

Object ID

Show Title in Chart

Title Settings...

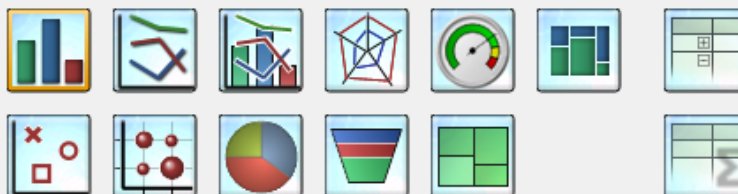
Detached

Read Only

Print Settings...

Calculation Condition

Chart Type



Fast Type Change

Allowed Types

- Bar Chart
- Line Chart
- Combo Chart
- Scatter Chart
- Pie Chart
- Pivot Table
- Straight Table

Reset User Sizing

Reset User Docking

Error Messages...

Reference Mode:

Dimmed

Preferred Icon Position

In Chart

In Caption

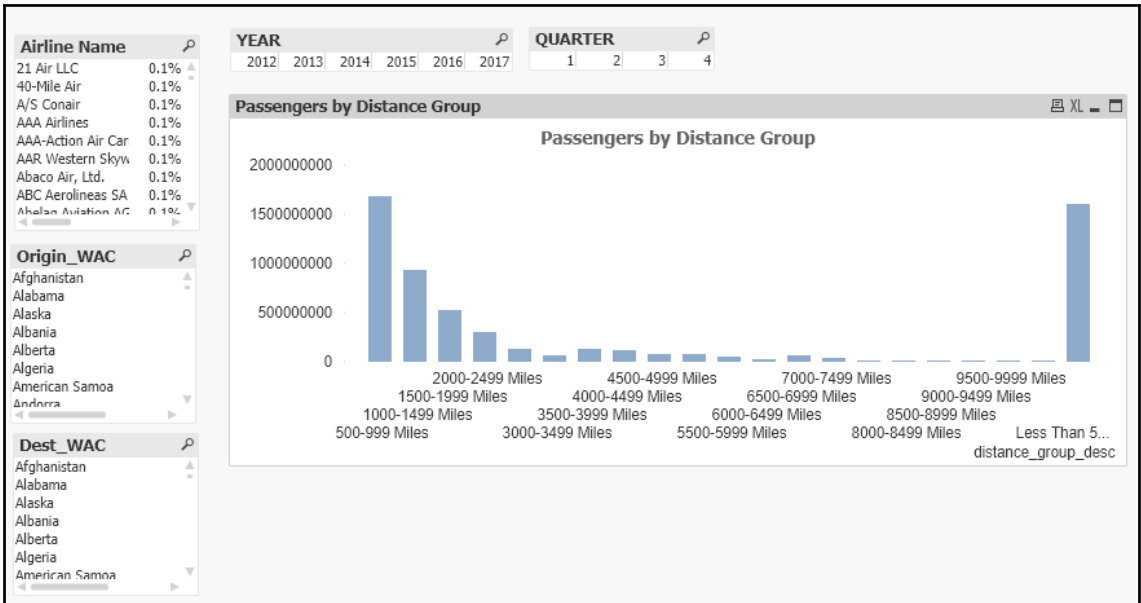
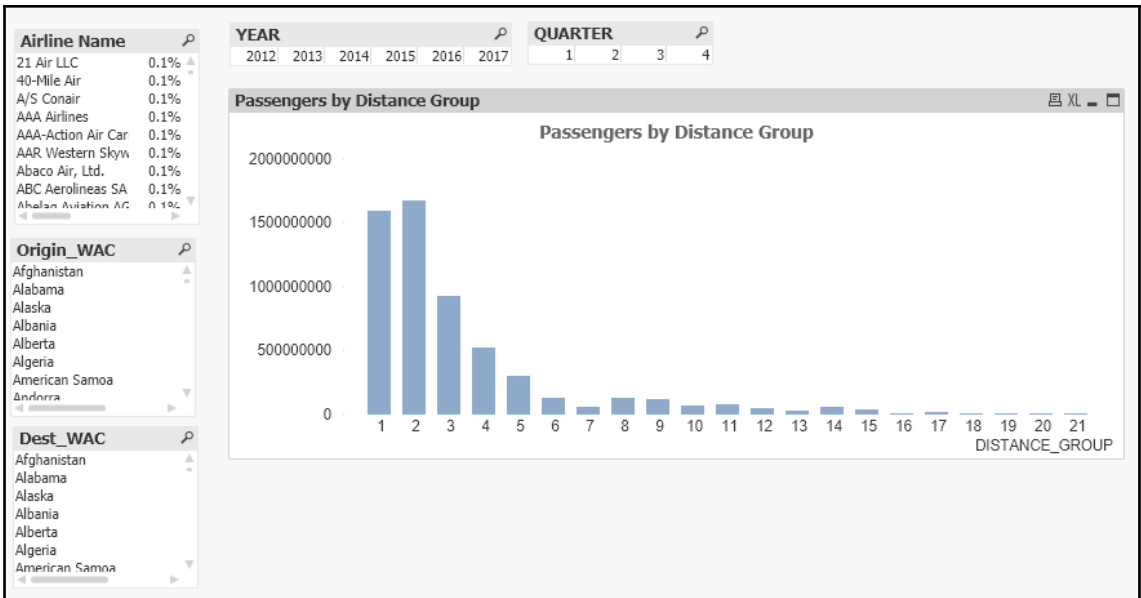
< Back

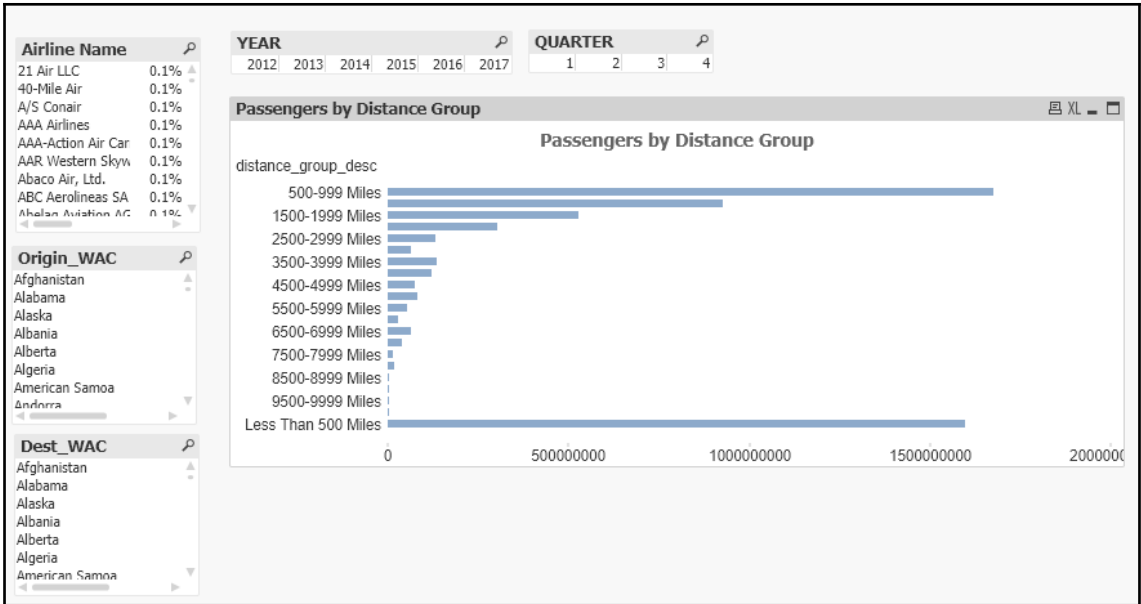
Next >

Finish

Cancel

Help





AIRCRAFT_GROUP	▼	○
aircraft_group_n...	▼	○
CLASS	▼	○
data_source_desc	▼	○
DEPARTURES_PE...	▼	○
Description	▼	○
dest_city	▼	○
distance_group_...	▼	○
FREIGHT	▼	○

Multi Box Properties []

General Sort Presentation Number Font Layout Caption

Fields

- Closed Multi Box -
- AIRCRAFT_GROUP
- aircraft_group_name
- CLASS
- data_source_desc
- DEPARTURES_PERFORMED
- Description
- dest_city
- distance_group_desc
- FREIGHT

Alignment

	Left	Center	Right
Text	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Numbers	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Multiline Settings

Wrap Text

Cell Height Lines

Frequency

Show

In Percent

- Single Column
 - Suppress Horizontal Scroll Bar
 - Order by Column
 - Cell Borders
 - Hide Excluded
 - Read Only
 - Ignore Null
 - Override Locked Field
 - Always One Selected Value
- Advanced...

Grid Style Limit Drop-down to Lines Style

Read Only Closed Color

OK Cancel Apply Help

Add Bookmark [X]

Bookmark Name:

Make this bookmark a document bookmark
 Share Bookmark with Other Users

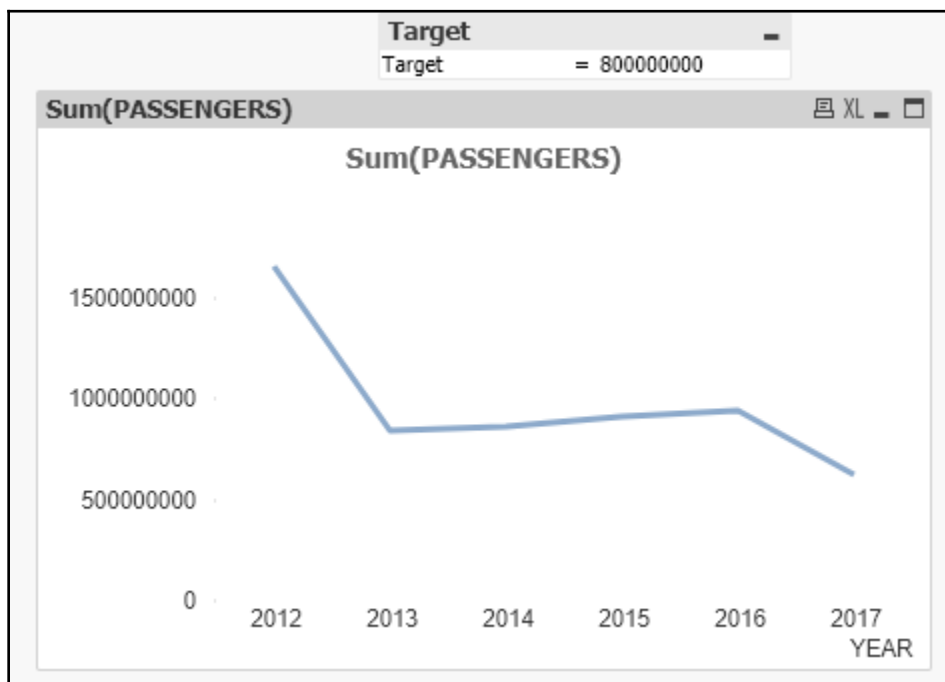
Include Selections in Bookmark
 Make bookmark apply on top of current selection

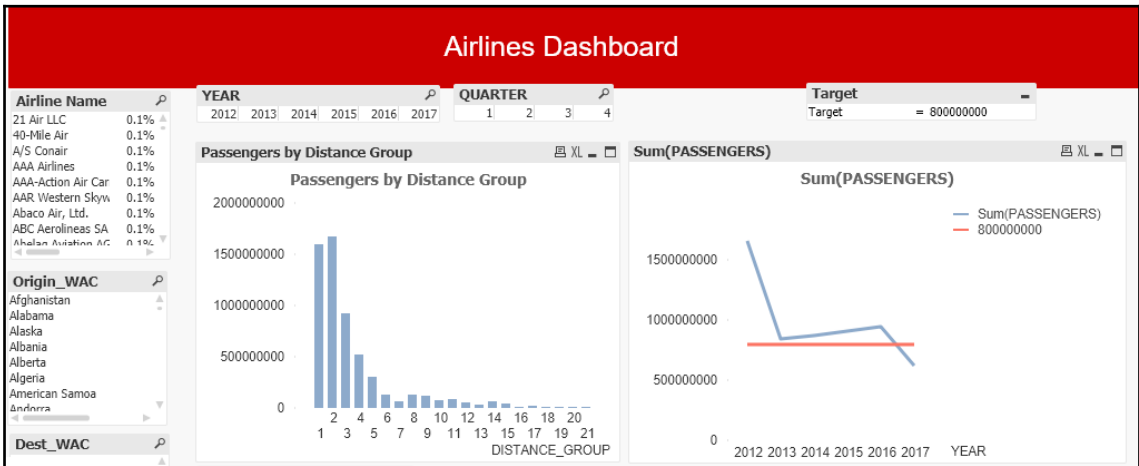
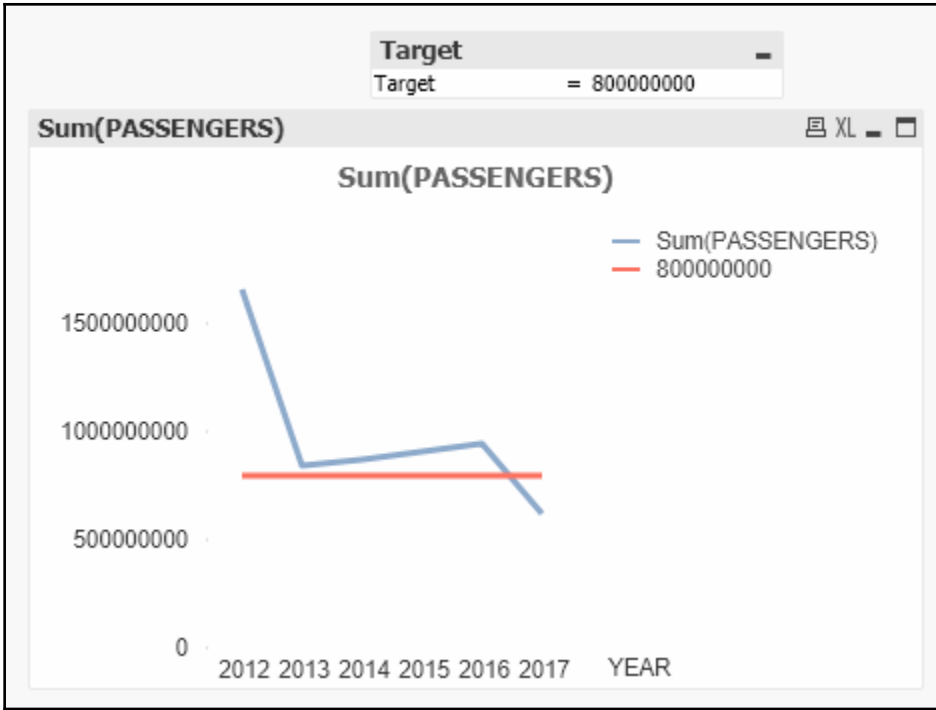
Include Layout State
 Include Scroll positions

Include Input Field Values

Info Text:
 ...

Pop-up Message





Chapter 5: Building a Dashboard

QlikView x64 Personal Edition - [C:\Users\josephs\Desktop\CT\Apps\Airline metrics - Copy.qvw*]

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Clear Back Forward Lock Unlock

Main Dashboard

Airlines Dashboard

Airline Name	YEAR	QUARTER
21 Air LLC 0.1%	2012 2013 2014 2015 2016 2017	1 2 3 4
40-Mile Air 0.1%		
A/S Conair 0.1%		
AAA Airlines 0.1%		
AAA-Action Air Car 0.1%		
AAR Western Skyw 0.1%		
Abaco Air, Ltd. 0.1%		
ABC Aerolineas SA 0.1%		
Ahlan Aviation AG 0.1%		

Origin_WAC

- Afghanistan
- Alabama
- Alaska
- Albania
- Alberta
- Algeria
- American Samoa
- Andorra

Dest_WAC

- Afghanistan
- Alabama
- Alaska
- Albania
- Alberta
- Algeria
- American Samoa

Airlines Dashboard

Airline Name	
21 Air LLC	0.1%
40-Mile Air	0.1%
A/S Conair	0.1%
AAA Airlines	0.1%
AAA-Action Air Car	0.1%
AAR Western Skyw	0.1%
Abaco Air, Ltd.	0.1%
ABC Aerolineas SA	0.1%
Ahalan Aviation AG	0.1%

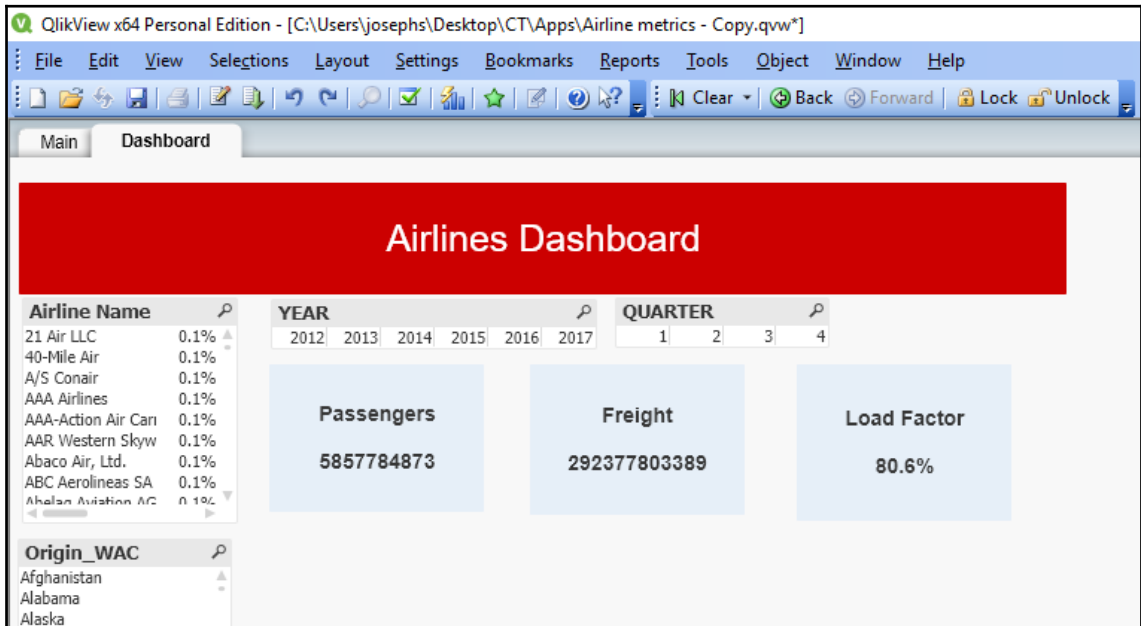
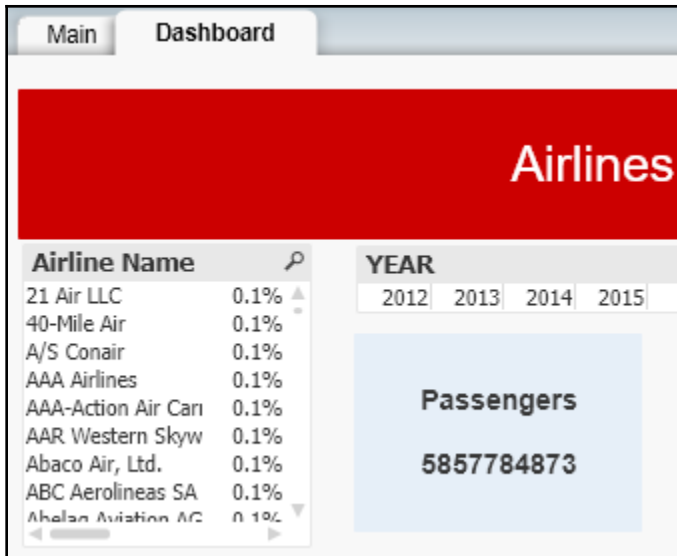
YEAR						
2012	2013	2014	2015	2016	2017	

QUARTER			
1	2	3	4



Origin_WAC
Afghanistan
Alabama
Alaska
Albania
Alberta
Algeria
American Samoa
Andorra

Dest_WAC
Afghanistan
Alabama
Alaska
Albania
Alberta
Algeria
American Samoa



Main

Dashboard

Airlines Dashboard

Airline Name	
21 Air LLC	0.1%
40-Mile Air	0.1%
A/S Conair	0.1%
AAA Airlines	0.1%
AAA-Action Air Can	0.1%
AAR Western Skyw	0.1%
Abaco Air, Ltd.	0.1%
ABC Aerolineas SA	0.1%
Ahalan Aviation AC	0.1%

YEAR						
2012	2013	2014	2015	2016	2017	

QUARTER			
1	2	3	4

Passengers

5857784873

Freight

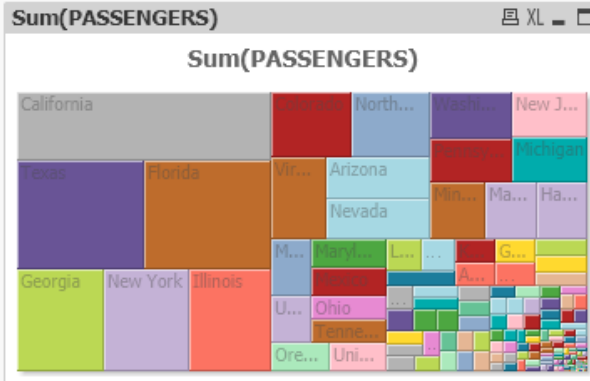
292377803389

Load Factor

80.6%

Origin_WAC
Afghanistan
Alabama
Alaska
Albania
Alberta
Algeria
American Samoa
Andorra

Dest_WAC
Afghanistan
Alabama
Alaska
Albania
Alberta
Algeria
American Samoa



QlikView x64 Personal Edition - [C:\Users\josephs\Desktop\CT\Apps\Airline metrics - Copy.qvw*]

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Clear Back Forward Lock Unlock

Main Dashboard

Airlines Dashboard

Airline Name

- American Airlines 100.0%
- 40-Mile Air
- ABC Aerolineas SA de CV db
- ABS JETS A.S
- ABSA-Aerolinhas Brasileiras
- ABX Air Inc
- ACM AIR CHARTER GmbH
- Acropolis Aviation Ltd.
- Aer Lingus Plc

Origin_WAC

- Alabama
- Alaska
- Alberta
- Antigua and Barbuda
- Argentina
- Arizona
- Arkansas
- Aruba

Dest_WAC

- Alabama
- Alaska
- Alberta
- Antigua and Barbuda
- Argentina
- Arizona
- Arkansas

YEAR						QUARTER			
2012	2013	2014	2015	2016	2017	1	2	3	4

Passengers

88360953

Freight

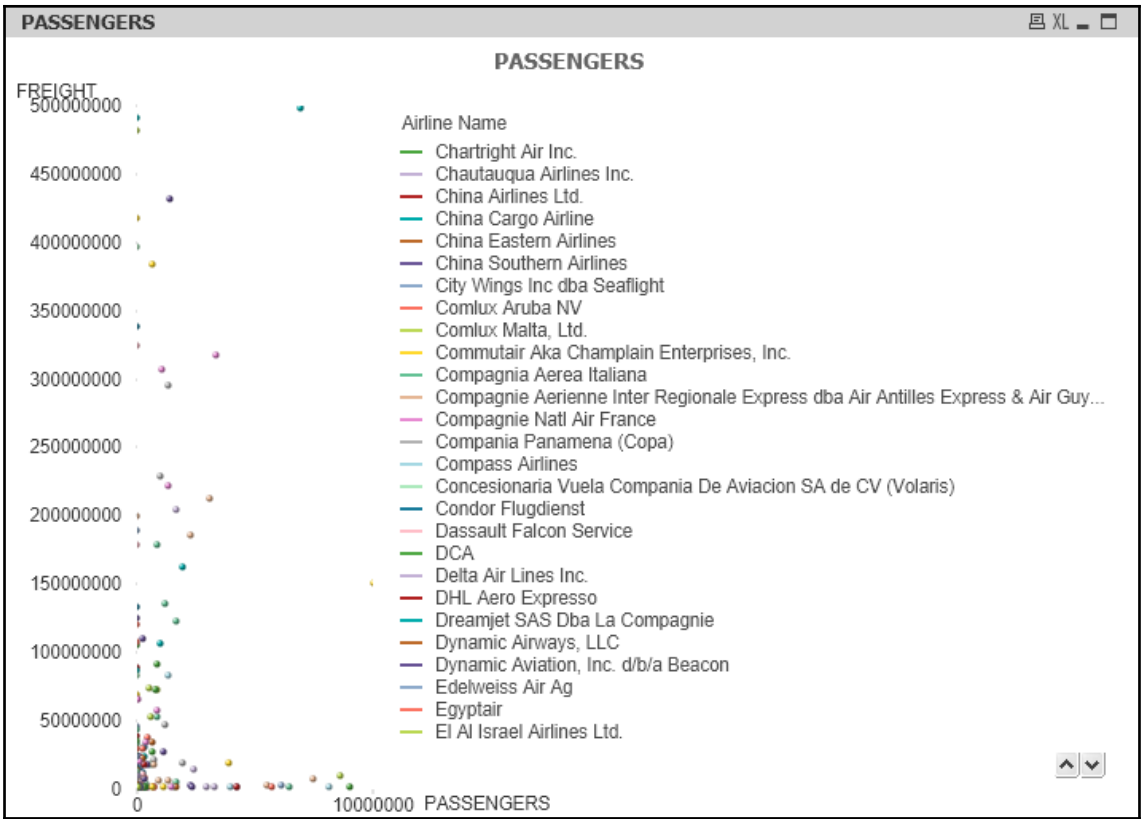
917791175

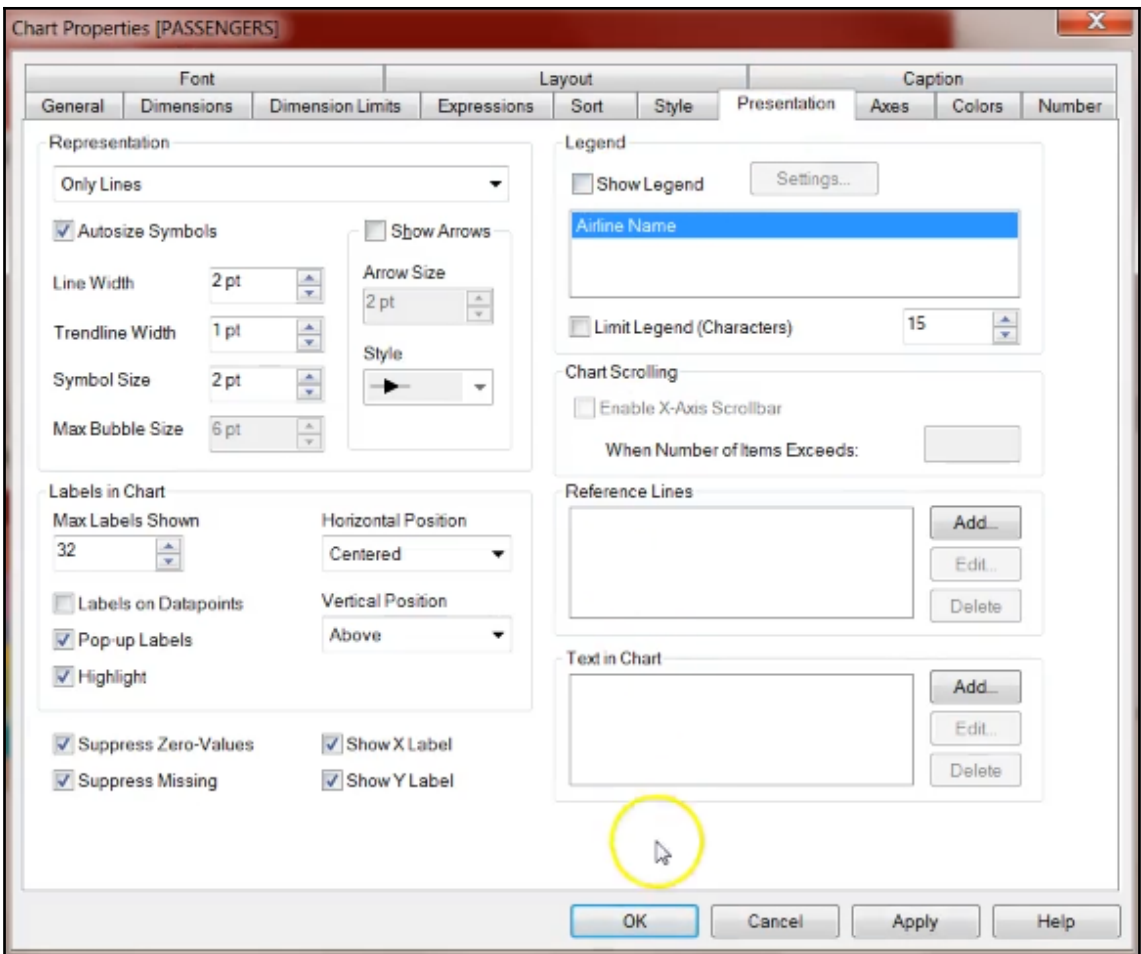
Load Factor

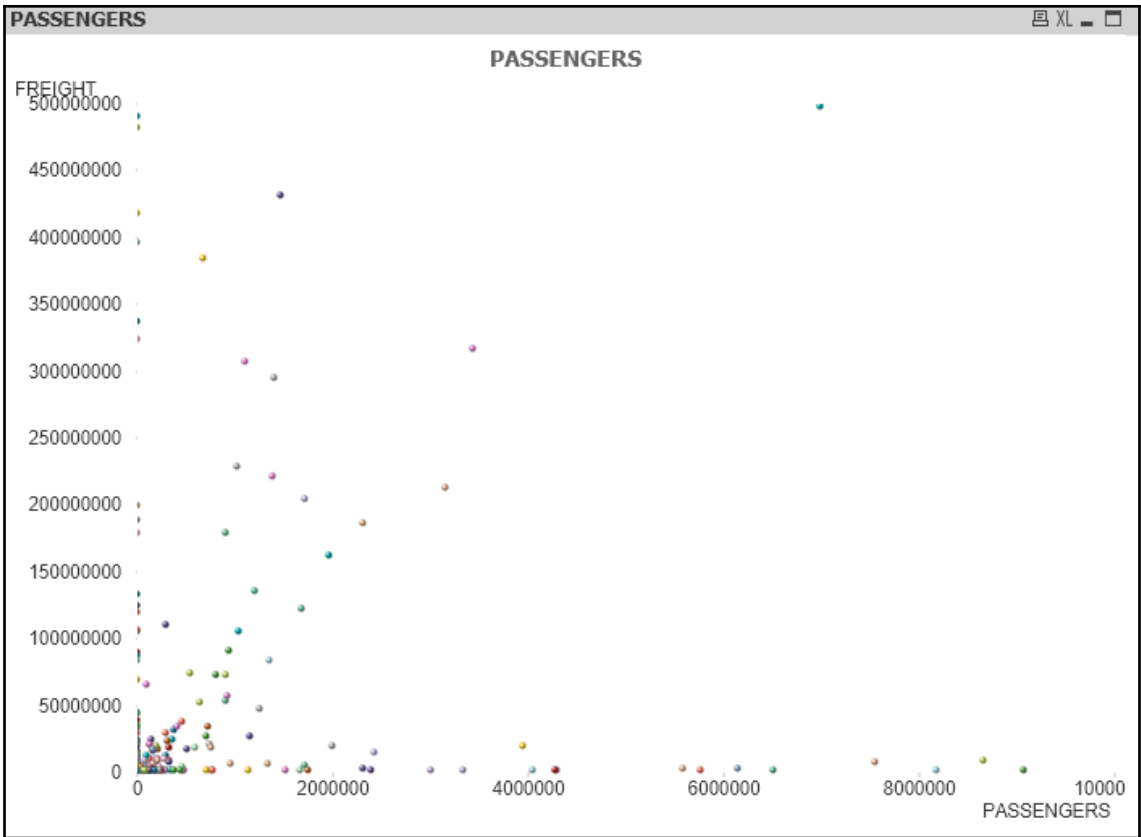
82.2%

Sum(PASSENGERS)

The treemap visualizes passenger data by state. The largest segments are Texas (blue), Florida (pink), California (teal), and Illinois (magenta). Other significant segments include New York (purple), Mexico (yellow), and Virginia (light blue). The chart is titled 'Sum(PASSENGERS)' and includes a legend for 'Origin_WAC' on the left.







Passengers	
aircraft_group...	Sum(PASSENGERS)
Helicopter/Stol	2300
Jet, 2-Engine	808790996
Jet, 3-Engine	37216
Jet, 4-Engine/...	35986186
Piston, 1-Engi...	510899
Piston, 2-Engine	973820
Turbo-Prop, 1-...	21974521
Turbo-Prop, 4-...	805

Passengers			XL
aircraft_group...	aircraft_type_...	carrier_entity_...	Sum(PASSENGERS)
Helicopter/Stol			281692
	1124A Westwi...		3103
	Airbus Industri...		1862424
	Airbus Industri...		45776
	Airbus Industri...		1886
	Air Transat		194030
	Airbus Industrie	Sata Internacional	598323
	A310-300	Tap-Portuguese...	4268
		Transportes Aero...	42705
Jet, 2-Engine	Airbus Industri...		333746401
	Airbus Industri...		562860553
	Airbus Industri...		195297013
	Airbus Industri...		112060292
	Airbus Industri...		34657302
	Airbus Industri...		718978
	Boeing 717-200		128518901
	Boeing 737-10...		4092229
	Boeing 737-200C		874

Chart Properties [Passengers]



General Dimensions Expressions Sort Presentation Visual Cues Style Number Font **Layout** Caption

Shadow Intensity

No Shadow

Border Width

1 pt

Layer

Bottom

Normal

Top

Custom

0

Apply To...

Theme Maker...

Apply Theme...

Show

Always

Conditional

Options

Allow Move/Size

Allow Info

Allow Copy/Clone

Size to Data

Scrollbars

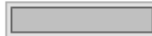
Preserve Scroll Position

Scrollbar Width

9 pt

Scroll Buttons

Scroll Background



OK

Cancel

Apply

Help

Chart Properties [Passengers] X

General Dimensions Expressions Sort Presentation Visual Cues Style Number Font Layout **Caption**

Show Caption

Title Text
Passengers Font...

Inactive Caption
Background Color Text Color

Active Caption
Background Color Text Color

Multiline Caption
 Wrap Text
Caption Height Lines

Horizontal Vertical
Left Centered

Special Icons

- Menu
- Print
- Copy Data
- Copy Image to Clipboard
- Send to Excel
- Clear

Normal v

X-pos Width

Y-pos Height

Allow Minimize Auto Minimize

Allow Maximize

Help Text

OK Cancel Apply Help

Passengers Origin

Hong Kong



Chart Properties [PASSENGERS]



Number		Font		Layout		Caption		
General	Dimensions	Dimension Limits	Expressions	Sort	Style	Presentation	Axes	Colors

Available Fields/Groups

- AIR_TIME
- AIRCRAFT_CONFIG
 - aircraft_config_name
- AIRCRAFT_GROUP
 - aircraft_group_name
- AIRCRAFT_TYPE
 - aircraft_type_name
 - Airline Name
- AIRLINE_ID
 - carrier_entity_name
 - carrier_group_name
- CARRIER_GROUP_NEW
- CLASS
- DATA_SOURCE
 - data_source_desc
- DEPARTURES_PERFORMED
- DEPARTURES_SCHEDULED
- Description
- dest airport

Show System Fields

Show Fields from Table: All Tables

Edit Groups...

Animate... Trellis...

Used Dimensions

Add >

≤ Remove

Promote

Demote

Add Calculated Dimension... Edit...

Settings for Selected Dimension

- Enable Conditional
- Suppress When Value Is Null
- Show All Values
- Show Legend
- Label

<use field name>

Comment: Advanced...

Page Breaks: No Breaks








OK Cancel Apply Help

Group Settings ✕

Group Name

Drill-down Group
 Cyclic Group

Available Fields

- AIR_TIME**
-  AIRCRAFT_CONFIG
aircraft_config_name
-  AIRCRAFT_GROUP
aircraft_group_name
-  AIRCRAFT_TYPE
aircraft_type_name
Airline Name
-  AIRLINE_ID
carrier_entity_name
carrier_group_name
-  CARRIER_GROUP_NEW
-  CLASS
-  DATA_SOURCE
data_source_desc

Show Fields from Table
 All Tables

Used Fields

Label

New Container ✕

General Presentation Font Layout Caption

Existing Objects

- BM02 Bookmark
- BU01
- CH06 Passengers by Distance Gro
- CH07 Sum(PASSENGERS)
- CH08 Sum(PASSENGERS)
- CH15 Passengers
- CT01
- IB02 Target
- LB21 YEAR
- LB22 Dest_WAC
- LB23 Origin_WAC
- LB24 Airline Name
- LB25 QUARTER
- LB26 QUARTER
- LB27 Dest_WAC
- LB28 YEAR
- LB29 Airline Name

Filter: -

Objects Displayed in Container

Object ID

Add >

< Remove

Promote

Demote

Label for Selected Object

<use object caption>

OK Cancel Apply Help

Airlines Dashboard

Airline Name	
21 Air LLC	0.1%
40-Mile Air	0.1%
A/S Conair	0.1%
AAA Airlines	0.1%
AAA-Action Air Can	0.1%
AAR Western Skyw	0.1%
Abaco Air, Ltd.	0.1%
ABC Aerolineas SA	0.1%
Abalan Aviation AC	0.1%

YEAR							QUARTER			
2012	2013	2014	2015	2016	2017	1	2	3	4	

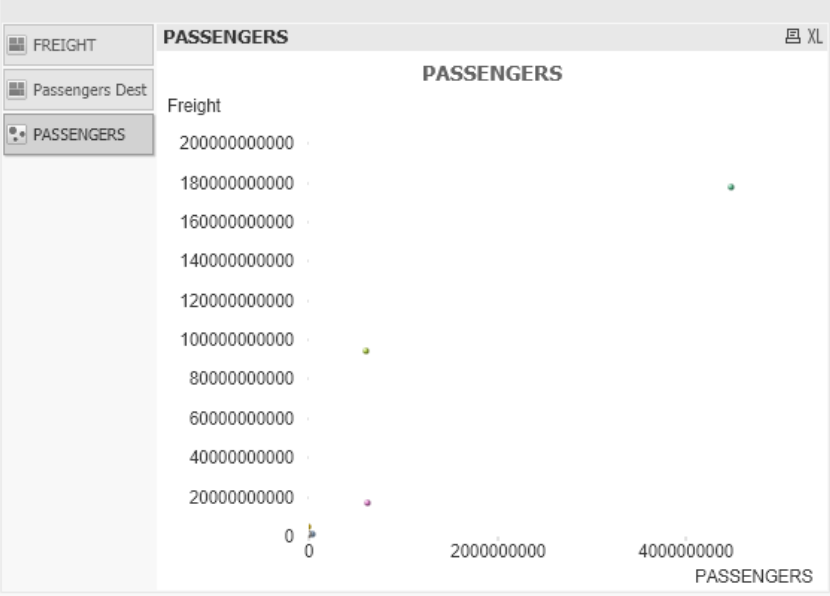
Passengers
5857784873

Freight
292377803389

Load Factor
80.6%

Origin_WAC
Afghanistan
Alabama
Alaska
Albania
Alberta
Algeria
American Samoa
Andorra

Dest_WAC
Afghanistan
Alabama
Alaska
Albania
Alberta
Algeria
American Samoa



New Button Object



General Actions Font Layout Caption

Text

Object ID

Alignment

 Left Center Right

Background

Aqua ▾

0 % Transparency 100 %

Color

Enable Condition

Print Settings...

OK

Cancel

Apply

Help

New Button Object



General Actions Font Layout Caption

Actions

Add

Delete

Promote

Demote

OK

Cancel

Apply

Help

Add Action

Action Type:

Selection

Layout

Bookmark

Print

External

Action

Select in Field

Select Excluded

Select Possible

Toggle Select

Forward

Back

Pareto Select

Lock Field

Lock All

Unlock Field

Unlock All

Unlock and Clear All

Clear Other Fields

Clear All

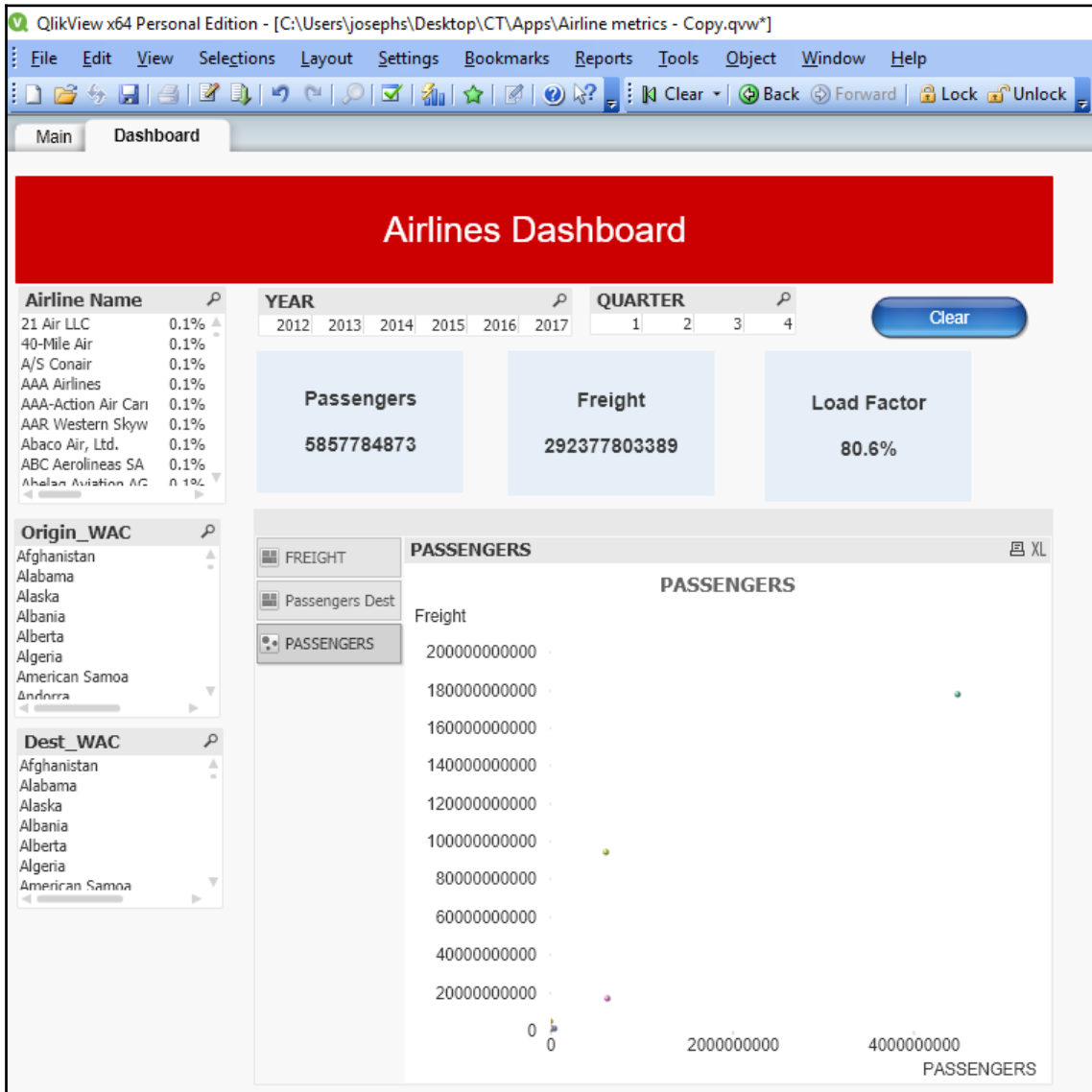
Clear Field

OK

Cancel

Help

Chapter 6: Set Analysis



QlikView x64 Personal Edition - [C:\Users\josephs\Desktop\CT\Apps\Airline metrics - Copy.qvw*]

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

Clear Back Forward Lock Unlock

Main Dashboard

Airlines Dashboard

Airline Name	YEAR	QUARTER				
21 Air LLC	0.1%	2012	2013	2014	2015	2016
40-Mile Air	0.1%	2012	2013	2014	2015	2016
A/S Conair	0.1%	2012	2013	2014	2015	2016
AAA Airlines	0.1%	2012	2013	2014	2015	2016
AAA-Action Air Car	0.1%	2012	2013	2014	2015	2016
AAR Western Skyw	0.1%	2012	2013	2014	2015	2016
Abaco Air, Ltd.	0.1%	2012	2013	2014	2015	2016
ABC Aerolineas SA	0.1%	2012	2013	2014	2015	2016
Alhala Aviation AG	0.1%	2012	2013	2014	2015	2016

Passengers

5857

Freight

77803389

Load Factor

80.6%

Origin_WAC

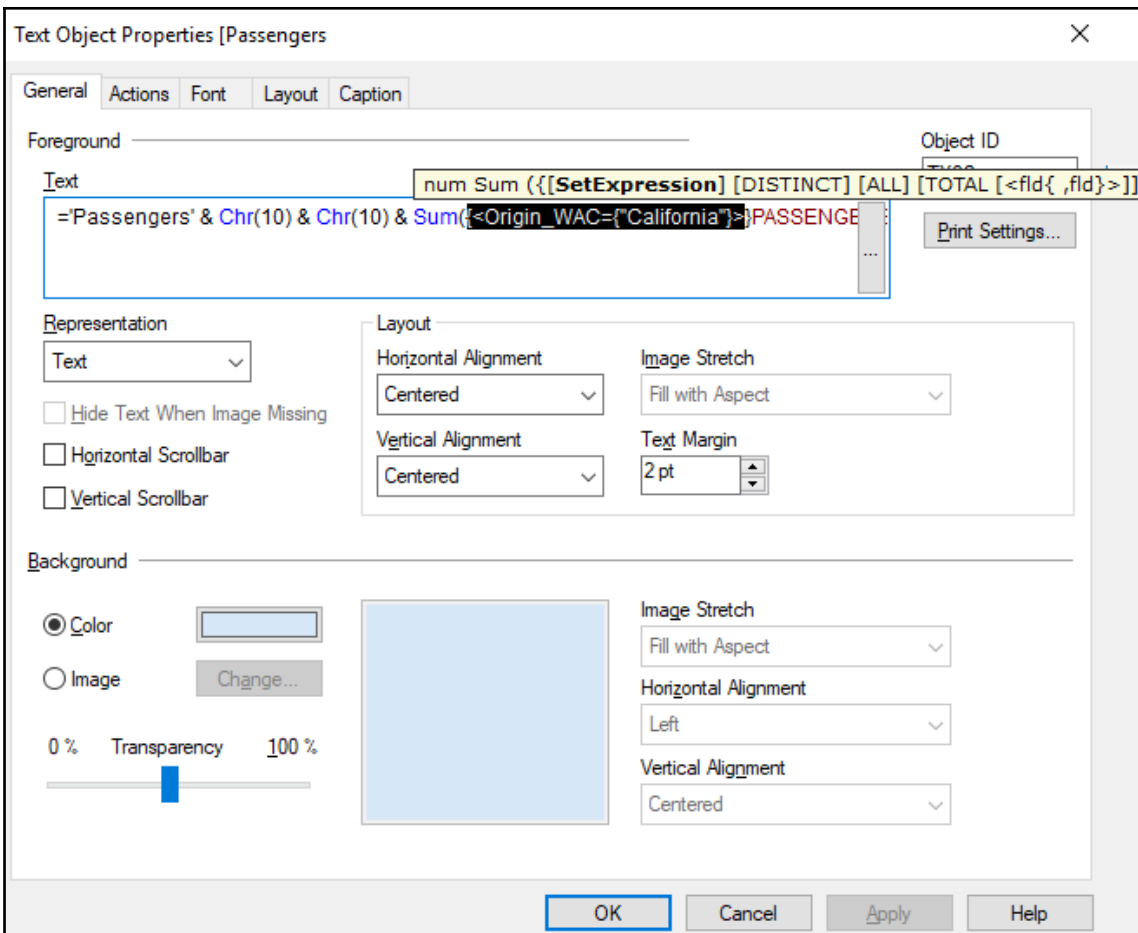
- Afghanistan
- Alabama
- Alaska
- Albania
- Alberta
- Algeria
- American Samoa

Passengers

180000000000

Context Menu:

- Properties...
- Print...
- Print as PDF...
- Send to Excel
- Copy to Clipboard
- Help
- Remove



Airlines Dashboard

Airline Name

ACM AIR CHARTER	1.1%
Aerodynamics Inc.	1.1%
Aeromexico	1.1%
Air Wisconsin Airlin	1.1%
AirBridgeCargo Airl	1.1%
AirTran Airways Co	1.1%
Alaska Airlines Inc.	1.1%
Allegiant Air	1.1%
American Airliner T	1.1%

YEAR 2012 2013 2014 2015 2016 2017 **QUARTER** 1 2 3 4 Clear

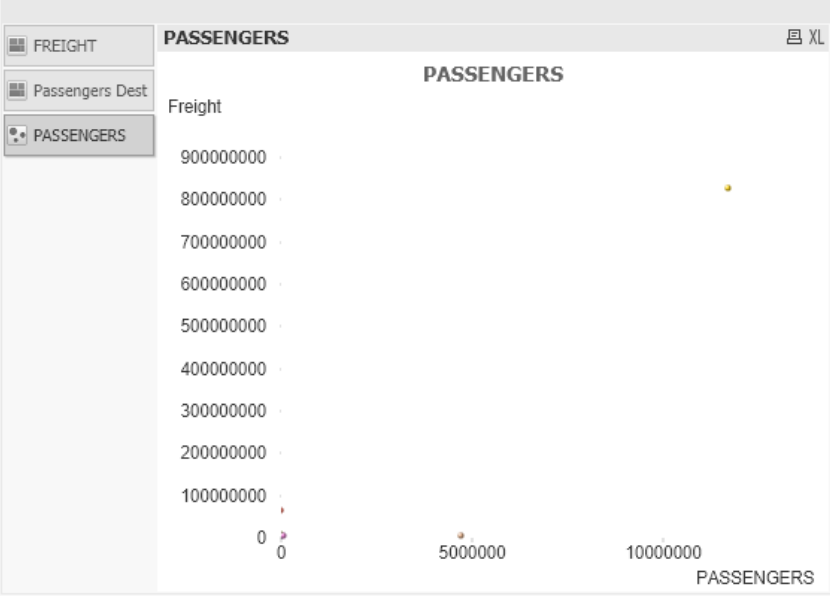
Passengers 16635140	Freight 889663089	Load Factor 74.2%
--------------------------------------	------------------------------------	------------------------------------

Origin_WAC

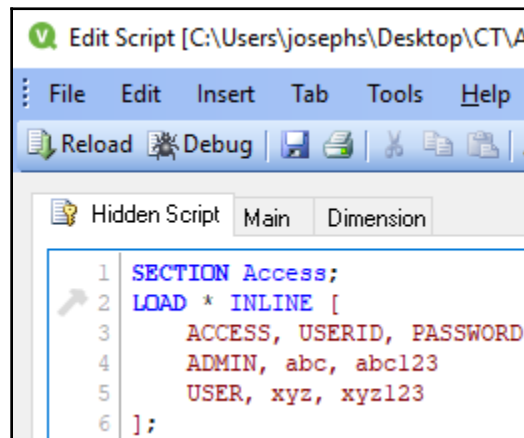
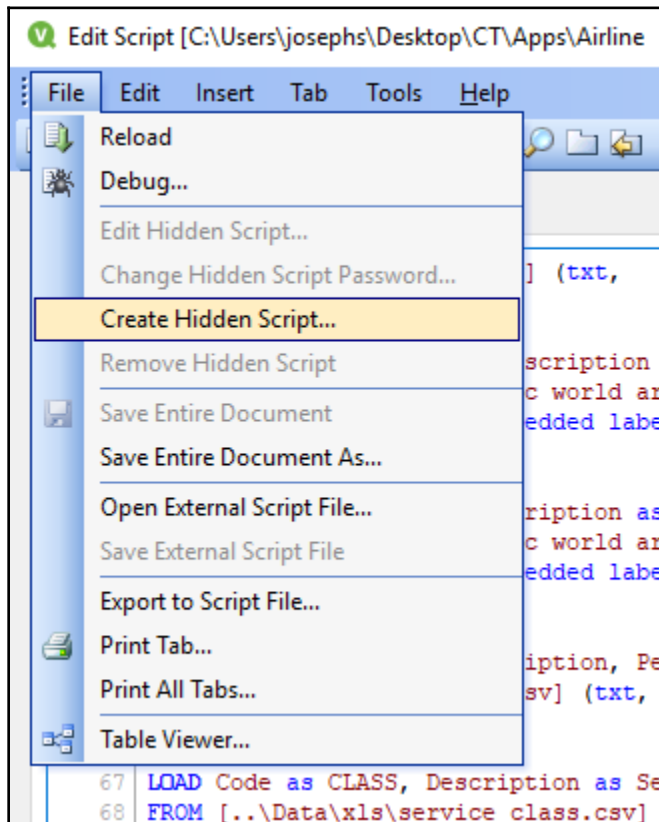
Alabama
Afghanistan
Alaska
Albania
Alberta
Algeria
American Samoa
Andorra

Dest_WAC

Alabama
Alaska
Alberta
Arizona
Arkansas
Bahamas
Barbados



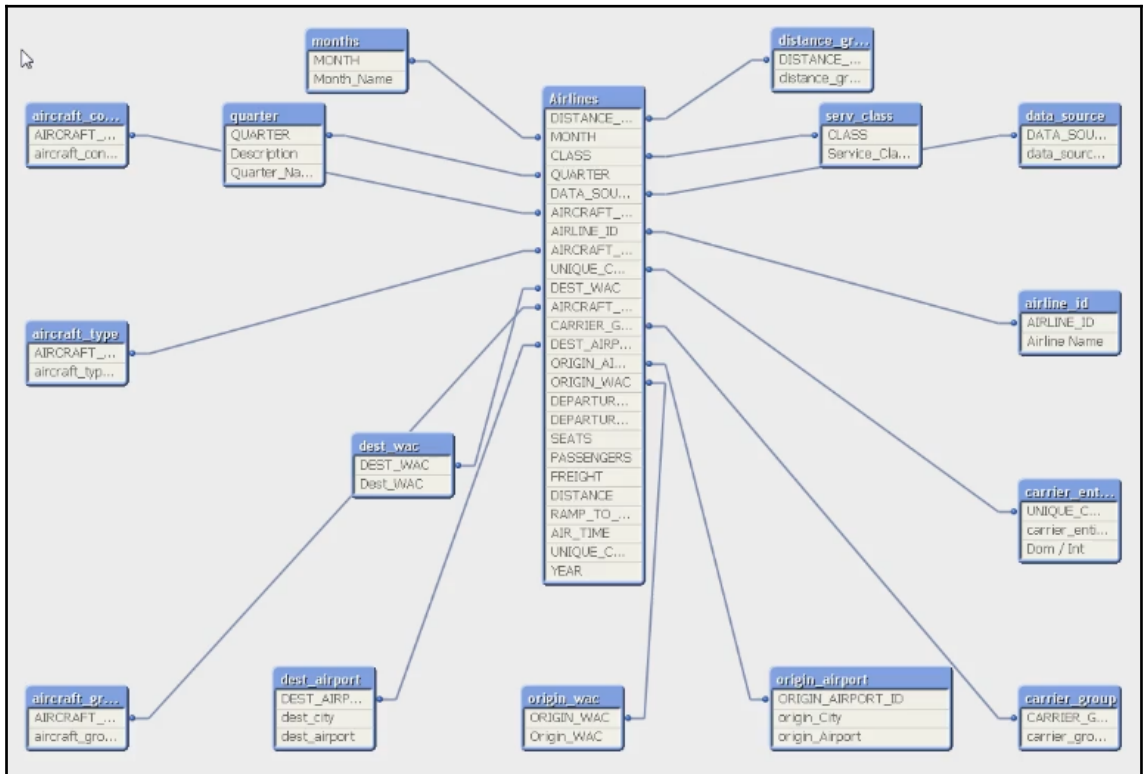
Chapter 7: Adding Security




```

V Edit Script [C:\Users\josephs\Desktop\CTVA
File Edit Insert Tab Tools Help
Reload Debug
Hidden Script Main Dimension
1 SECTION Access;
2 LOAD * INLINE [
3     ACCESS, USERID, PASSWORD
4     ADMIN, abc, abc123
5     USER, xyz, xyz123
6 ];

```



Dialog

DATA_SOURCE	data_source_desc
DF	Domestic Data, For
DU	Domestic Data, US
IF	International Data,
IU	International Data,

Close Help

Edit Script [C:\Users\josephs\Desktop\CT\Apps\Airline metrics.qvw]

File Edit Insert Tab Tools Help

Reload Debug [Icons] Tabs Hidden

Hidden Script Main Dimension

```
1 SECTION Access;
2 LOAD * INLINE [
3     ACCESS, USERID, PASSWORD, DATA_SOURCE
4     ADMIN, abc, abc123,
5     USER1, xyz, xyz123, DF,
6     USER1, xyz, xyz123, DU,
7     USER1, xyz2, xyz1234, IF,
8     USER1, xyz2, xyz1235, IU,
9 ];
10
11 SECTION Application;
```

Document Properties [C:\Users\josephs\Desktop\CT\Apps\Airline metrics.qvw*]



General Opening Variables Triggers Groups Tables Sort Presentation Number Extensions Font Layout Caption

Title

Author

Save Format

Compression

High

Alert Pop-ups...

Help Pop-ups...

Alternate States...

Memory Statistics...

- Use Passive FTP Semantics
- Generate Logfile
- Timestamp in Logfile Name
- Hide Unavailable Menu Options
- Hide Tabrow
- Keep Unreferenced QVD Buffers
- Legacy Fractile Calculation
- Disable Layout Undo
- Use WebView in Layout

Default Export Encoding

UTF-8

Default Sheet Background

Background Color

Wallpaper Image

Change...

No preview available

Image Formatting

No Stretch

Horizontal

Left

Vertical

Centered

Styling Mode

Simplified

Sheet Object Style

Air

Tabrow Style

Straight

Tabrow Background

Selection Appearance

Style

QlikView Classic

Color Scheme

Light

Transparency

0 % 70 %

OK

Cancel

Apply

Help