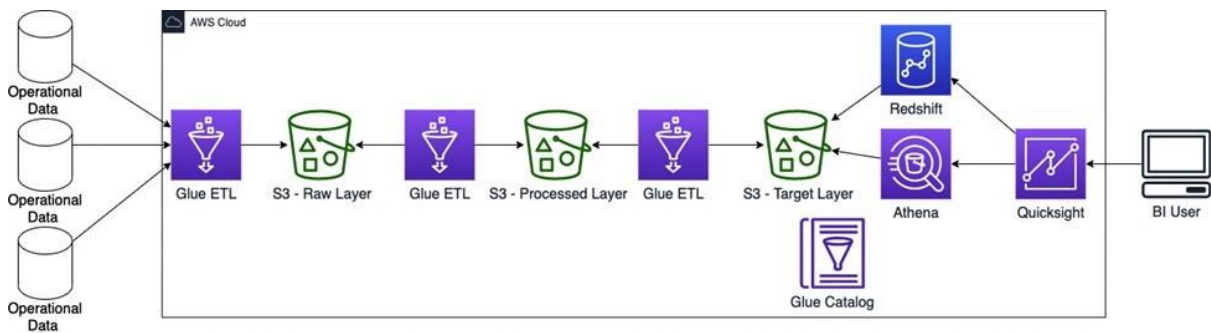
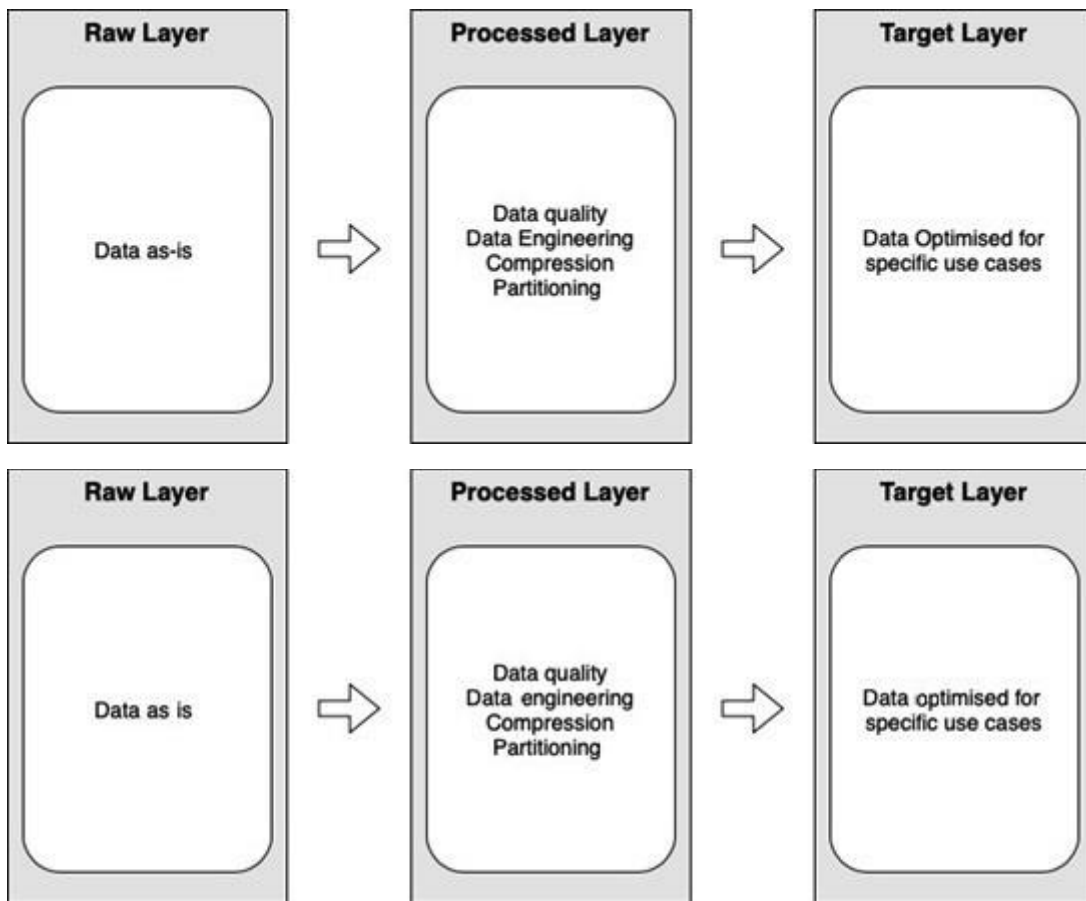
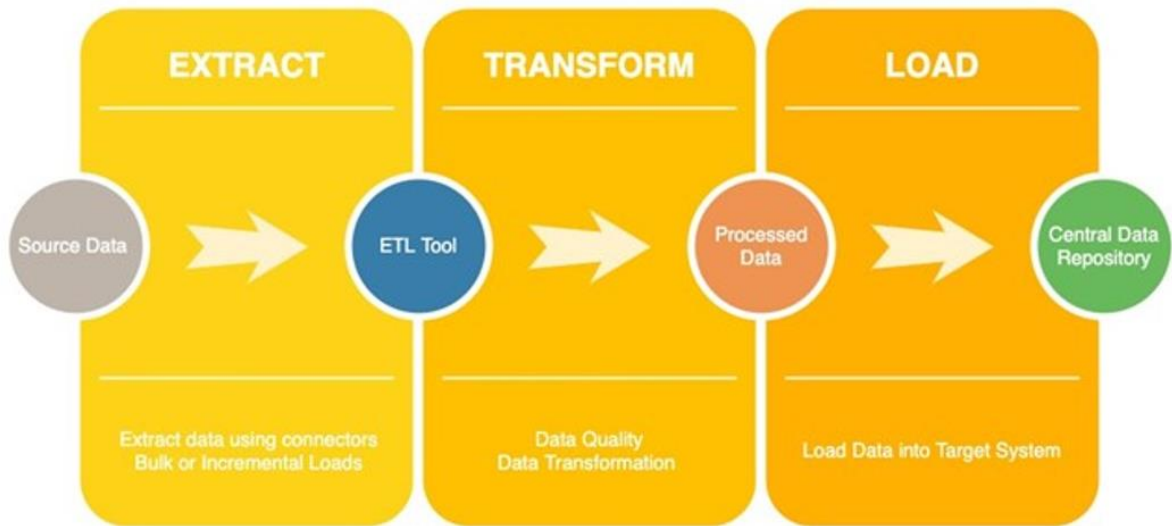
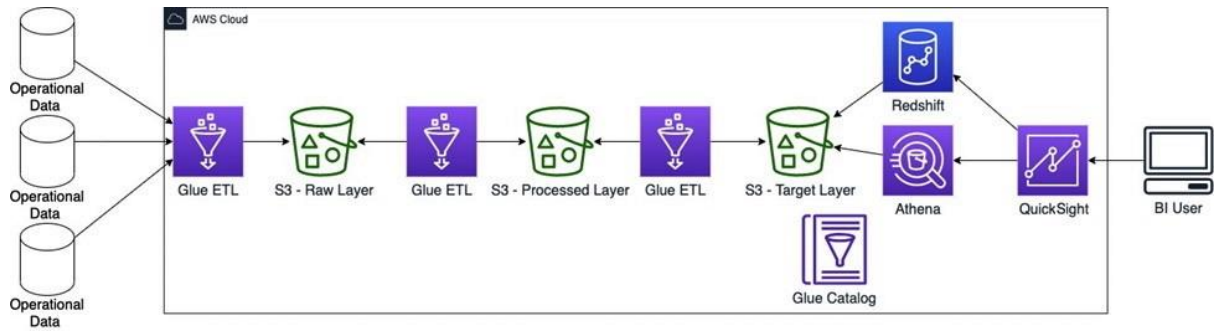


Chapter 1: Introducing the AWS Analytics Ecosystem





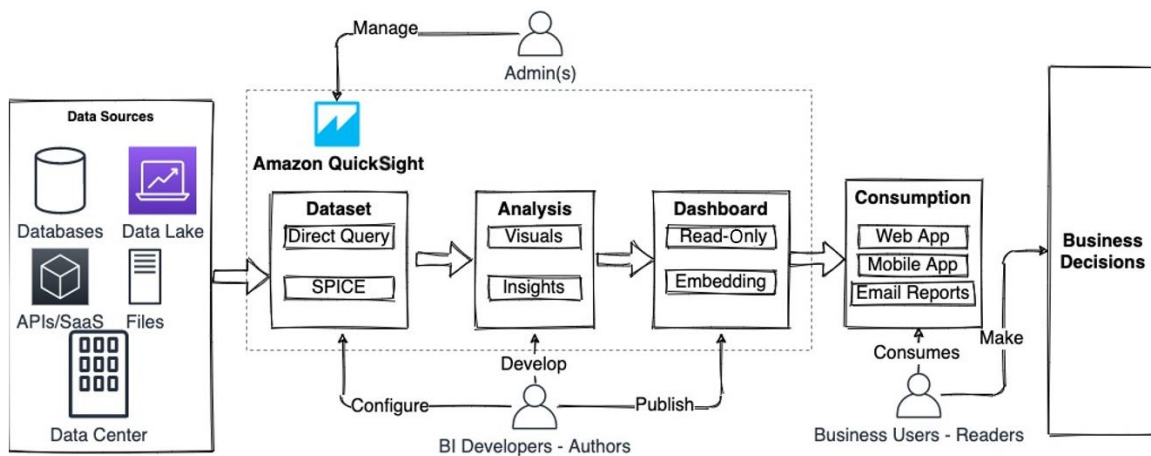


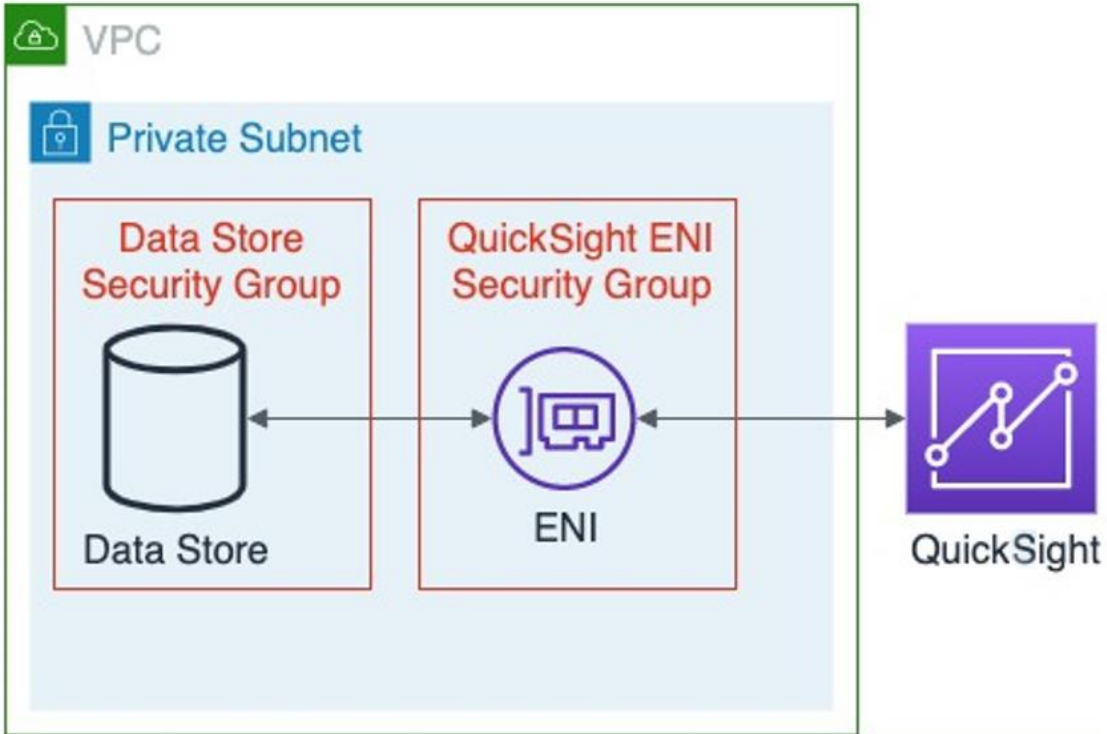
[Add tables](#)
Action
Database : my-data-lake-db
Filter or search for tables...
[Save view](#)

<input type="checkbox"/>	Name	Database	Location	Classification
<input type="checkbox"/>	yellowtrips	my-data-lake-db	s3://data-lake-af059dkg8...	csv

Chapter 2: Introduction to Amazon QuickSight

	READER	AUTHOR	ADMIN
ACCESS QUICKSIGHT	✓	✓	✓
RECEIVE ALERTS	✓	✓	✓
USE DASHBOARDS	✓	✓	✓
CREATE DATASETS		✓	✓
CREATE ANALYSIS		✓	✓
SHARE ANALYSIS		✓	✓
MANAGE USERS			✓
MANAGE QUICKSIGHT			✓
MANAGE STORAGE			✓





 QuickSight



Your AWS Account is not signed up for QuickSight. Would you like to sign up now?

AWS Account

[Sign up for QuickSight](#)

To access QuickSight with a different account, [log in](#) again.

Create your QuickSight account

Edition [Enterprise](#)

Use Role Based Federation (SSO)

Use Active Directory

QuickSight region

US East (N. Virginia)

This is the region where the free tier and bundled SPICE capacity for your account will be allocated.

QuickSight account name

You will need this for you and others to sign in.

Notification email address

For QuickSight to send important notifications.

Chapter 3: Preparing Data with Amazon QuickSight

Network and security settings Edit publicly accessible Edit

Virtual private cloud (VPC) [Redacted]	Availability Zone us-east-1f	VPC security group Specify which instances and devices can connect to the cluster. [Redacted]	Publicly accessible Allow instances and devices outside the VPC to connect to your database through the cluster endpoint. Enabled
Subnet default	Enhanced VPC routing Disabled		
Endpoint URL -			










QuickSight

Datasets

Mana

Create a Dataset

FROM NEW DATA SOURCES

 Upload a file (.csv, .tsv, .clf, .elf, .xlsx, .json)	 Salesforce Connect to Salesforce	 S3 Analytics
 S3	 Athena	 RDS
 Redshift Auto-discovered	 Redshift Manual connect	 MySQL

New Redshift data source



Data source name

Redshift - Taxi Data

Instance ID

Choose a cluster ID



Connection type

Public network



Database name

dev

Username

admin

Password

.....



Validate connection

SSL is enabled

Create data source

Choose your table



Redshift - Taxi Data

Schema: contain sets of tables.

public



Tables: contain the data you can visualize.

yellowtrips_3mo

Edit/Preview data

Use custom SQL

Select

Finish dataset creation



Table: yellowtrips_3mo
Estimated table size: 496MB
Data source: test
Schema: public

Import to SPICE for quicker analytics ✓ GB available SPICE

Directly query your data

[Edit/Preview data](#) [Augment with SageMaker](#) [Visualize](#)

yellowtrips_3mo



Data source name: test

Database name: dev

[Delete dataset](#) [Share](#)
[Edit dataset](#) [Duplicate dataset](#) [Create analysis](#)
[Row-level security](#) [Column-level security](#)

QuickSight

Dataset Name: yellowtrips_3mo

Query mode
 SPICE Direct query

496MB estimated upload

693.1MB of remaining

Fields All fields included

[Add calculated field](#)
[Augment with SageMaker](#)

Data

yellowtrips_3mo

Name	Owner	Last Modified
yellowtrips_3mo SPICE	Me	a few seconds ago
yellowtrips	Me	7 days ago

yellowtrips_3mo ×

SPICE Dataset 1.3GB

Import complete:
100% success
4652013 rows were imported to SPICE
0 rows were skipped

Last refreshed: 11 minutes ago

[View history](#)

[Refresh Now](#)

[Schedule refresh](#)

Email owners when a refresh fails

Data source name: test

Database name: dev

View refresh history of yellowtrips_3mo

Start time within Last 90 days Job status of All

Date Started (UTC)	Status	Information	Job Type
	Completed	Ingestion completed in 1 minutes 9 seconds. Rows dropped: 0, Rows ingested: 4652013	Manual, Edit
	Completed	Ingestion completed in 1 minutes 9 seconds. Rows dropped: 0, Rows ingested: 4652013	Manual, Edit

Last refreshed: an hour ago

[View history](#)

[Refresh Now](#)

[Schedule refresh](#)

Email owners when a refresh fails

Create a schedule ×

Time zone

Repeats Daily

Starting

[Cancel](#)

Hourly

Daily

Weekly

Monthly

[Create](#)

yellowtrips_3mo

Zoom

vendorid	tpep_pickup_datetime	tpep_dropoff_datetime	passenger_count
String	Date	Date	Integer
1	2020-10-01T00:09:19.000Z	2020-10-01T00:19:46.000Z	1
1	2020-10-01T00:31:00.000Z	2020-10-01T00:37:58.000Z	1
2	2020-10-01T00:24:32.000Z	2020-10-01T00:31:21.000Z	1
1	2020-10-01T00:40:34.000Z	2020-10-01T00:52:27.000Z	1
2	2020-10-01T00:24:00.000Z	2020-10-01T00:30:09.000Z	2
2	2020-10-01T00:32:39.000Z	2020-10-01T00:51:27.000Z	5

Edit field



Name

Description

440 characters left

Edit date format



Known date formats were not detected in this data. Provide a date format to transform this data into a known date format.

Provide the **date format** which represents this field. Formats are case sensitive.

For example, dd/MM/yyyy HH:mm:ss translates to 31/08/2017 23:59:59

Source data

2020-04-01 00:41:22
2020-04-01 00:56:00
2020-04-01 00:00:26
2020-04-01 00:24:38
2020-04-01 00:13:24

Close

Validate

Update

Add calculated field



Add name

Cancel

Save

1

Fields



Functions



Search functions



▼ All

abs

addDateTime

avg

avgIf

avgOver

abs

Returns the absolute value of a given expression.

SYNTAX

abs(*expression*)

Edit filter 1 filters applied



trip_distance

Greater than - 0



Greater than

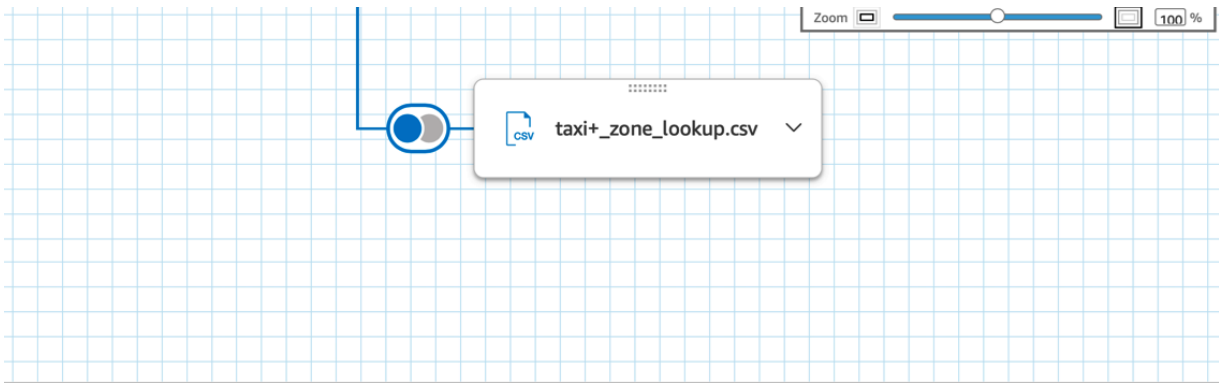


0

Apply

Close

Delete filter



Join configuration

Cancel

Apply

Join clauses

+ Add a new join clause

Join type

yellowtrips_3mo		taxi+_zone_lookup.csv
<input type="text" value="pulocationid"/>	=	<input type="text" value="# LocationID"/>

Inner

Left

Right

Full



yellowtrips_3mo



SPICE Dataset 1.8GB

Import complete:
100% success
4591173 rows were imported to SPICE
0 rows were skipped

Last refreshed: 7 minutes ago
[View history](#)

Refresh Now

Schedule refresh

Email owners when a refresh fails

Delete dataset

Share

Edit dataset

Duplicate dataset

Create analysis

Row-level security

Column-level security

UserName	vendorid
user1	1
user2	2

Delete dataset

Share

Edit dataset

Duplicate dataset

Create analysis

Row-level security

Column-level security

Configure row-level security

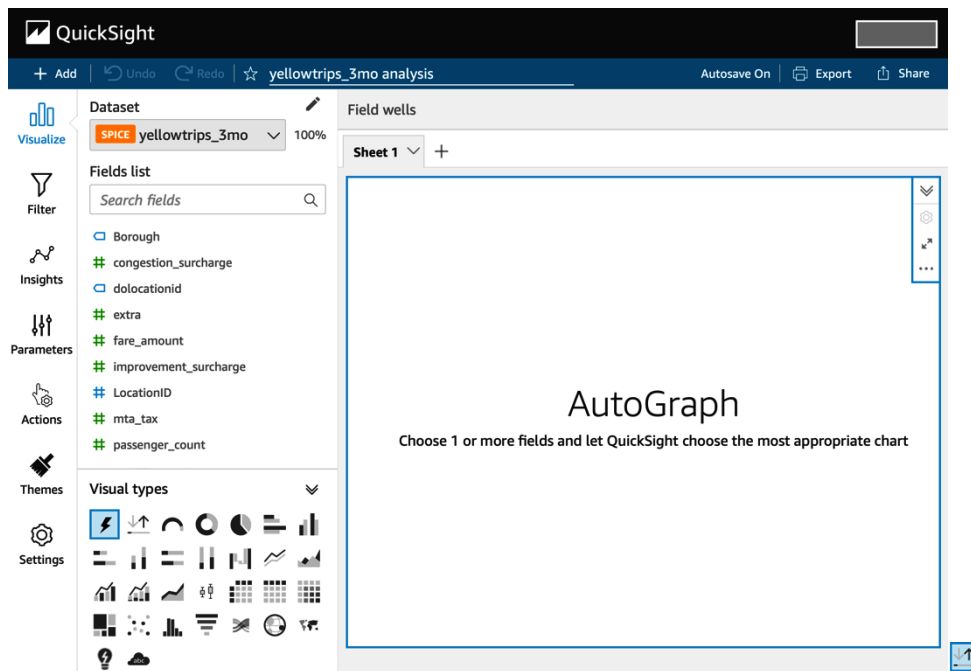
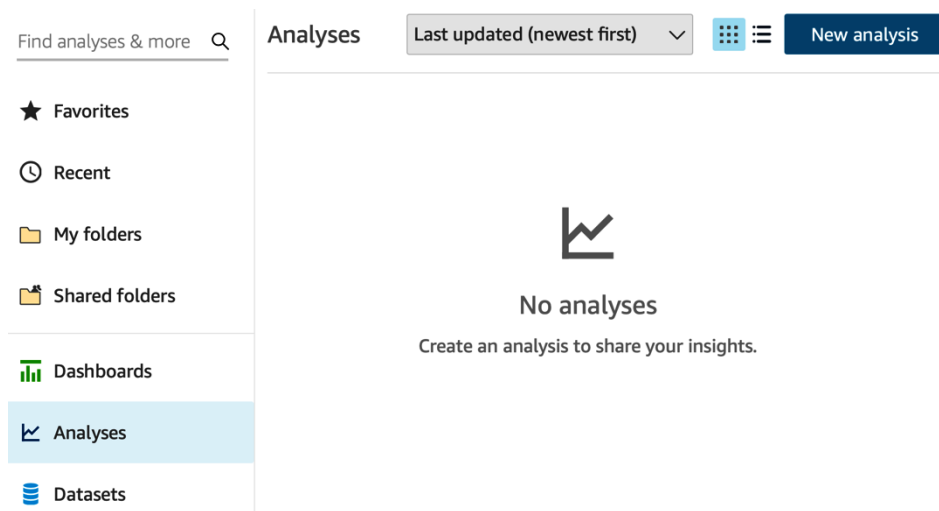


yellowtrips_3mo

Selected dataset rules

mapping-table-new

Chapter 4: Developing Visuals and Dashboards



Field wells

Value

Add a measure here

Target value

Add a measure here

Trend group

Add a dimension here

Sheet 1 ▾ +

You need to add or remove fields

Key Performance Indicator (KPI) requires
1 measure in Value
 also KPI Trend works best with a date or numeric field in Trend group

Value

tip_amount (Sum) ▾

Target value


total_amount (Sum) ▾

Sheet 1 ▾ +

Sum of Tip_amount and Sum of Total_amount

tip_amount	total_amount
9,109,438.95	80,753,554.88

11.28%



Value

tip_amount (Sum) ▾

Target value

total_amount (Sum) ▾

New York Taxi Tips Percentage

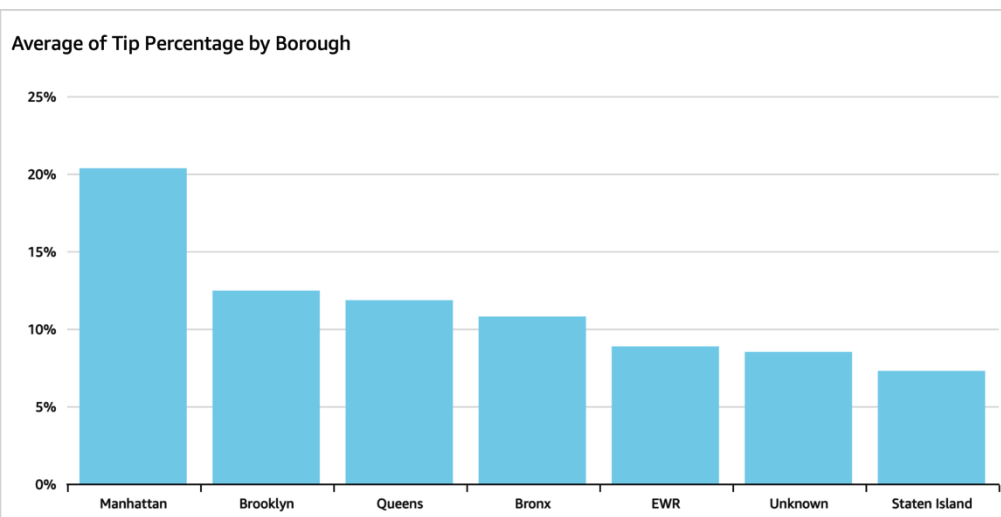
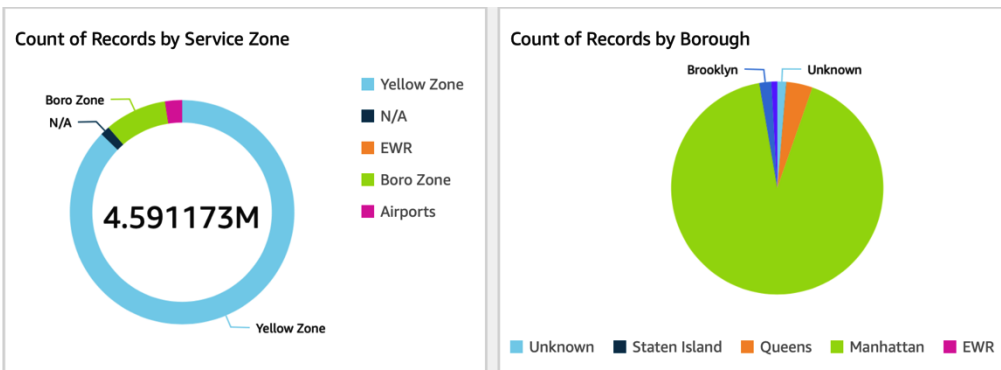
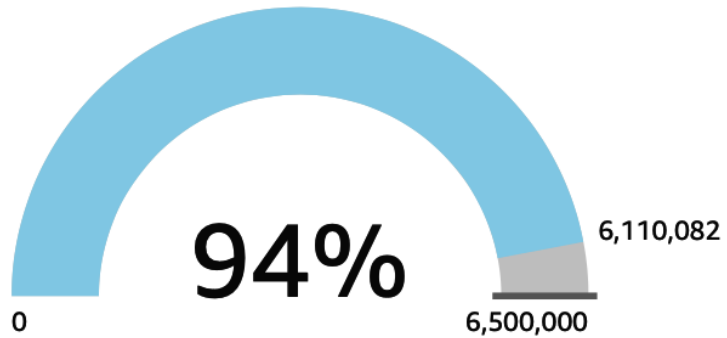
10% Target

tip_amount	total_amount
\$9,109,439	\$80,753,555

11%

New York Taxi Number of Passengers

Compared against the 6.5 million passengers per quarter



Aggregate: Day >

Format: Sep 20, 2021 5:00pm >

Remove

Search fields

Year

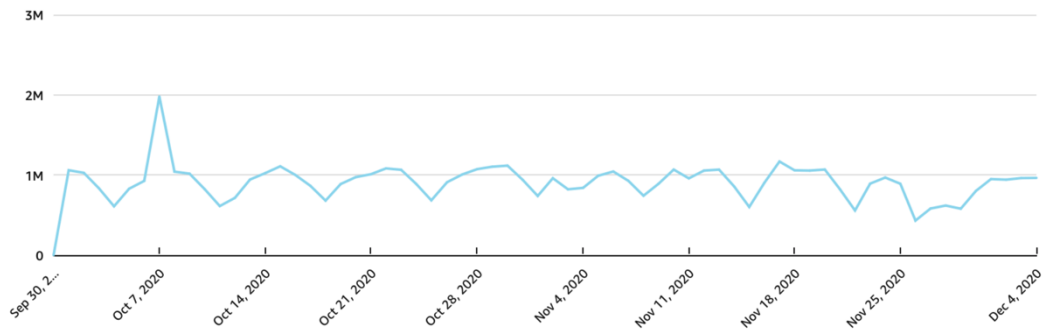
Quarter

Month

Week

Day

Sum of the total amount by time

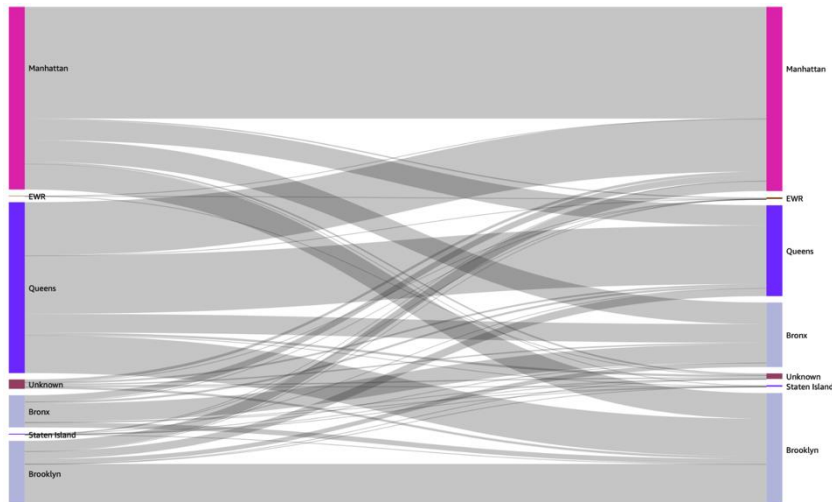


Taxi fares by borough

Borough	Fare Amount
Total	\$55,791,387
Bronx	\$1,122,186
Brooklyn	\$2,172,315
EWB	\$2,907
Manhattan	\$45,001,178
Queens	\$6,022,819
Staten Island	\$77,035
Unknown	\$1,392,948

Fare amounts by borough and payment type

Borough	Payment Type	fare_amount
[-] Bronx	<i>null</i>	\$969,806.58
	Cash	\$50,961.67
	Credit Card	\$100,715.51
	Dispute	-\$334.70
	No Charge	\$1,036.51
	Subtotal	\$1,122,185.57
[+] Brooklyn		\$2,172,314.53
[+] EWR		\$2,907.37
[+] Manhattan		\$45,001,178...
[+] Queens		\$6,022,818.58
[+] Staten Island		\$77,034.66
[+] Unknown		\$1,392,948.05



Publish a dashboard



Publish new dashboard as

New York Taxi Dashboard

Replace an existing dashboard

Dropdown menu for replacing an existing dashboard

[Advanced publish options](#)

Dashboard options

- Expand on-sheet controls by default
- Enable ad hoc filtering
- Enable on-hover tooltip

Visual options

- Enable maximize visual option
- Enable visual menu
- Enable CSV downloads

Publish dashboard

Share dashboard



Find a person or group to share with.

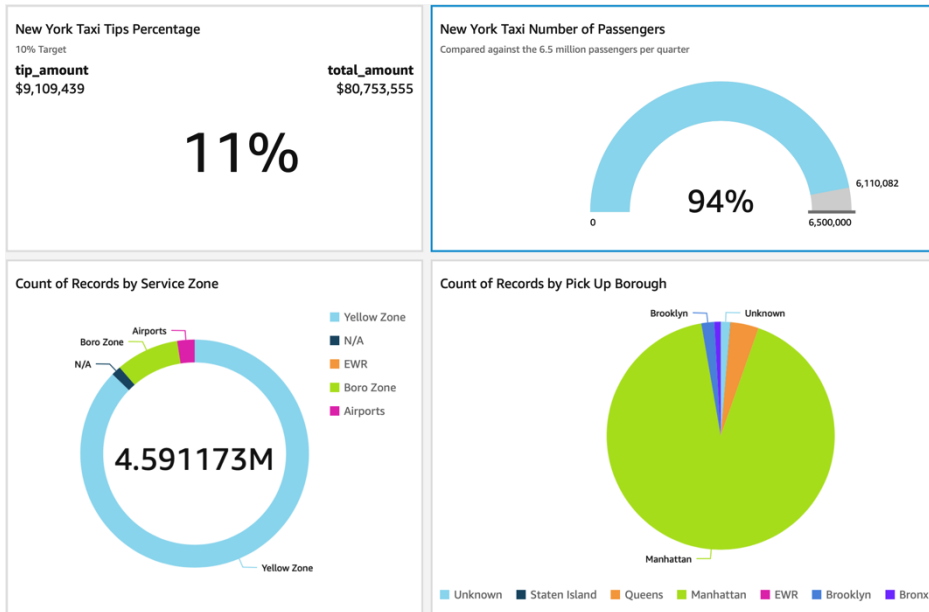
Enter a username, group, or email address

Share with everyone in this account

Name	Email	Permission	Role
------	-------	------------	------

[Manage dashboard access](#)

[Share](#)



Themes

Applied theme

Classic ...

Aa

My themes ∨

Starter themes ∧

Classic ...

Aa

Midnight ...

Midnight

Aa

Seaside ...

Aa

Publish a dashboard ×

Publish new dashboard as

New dashboard 1

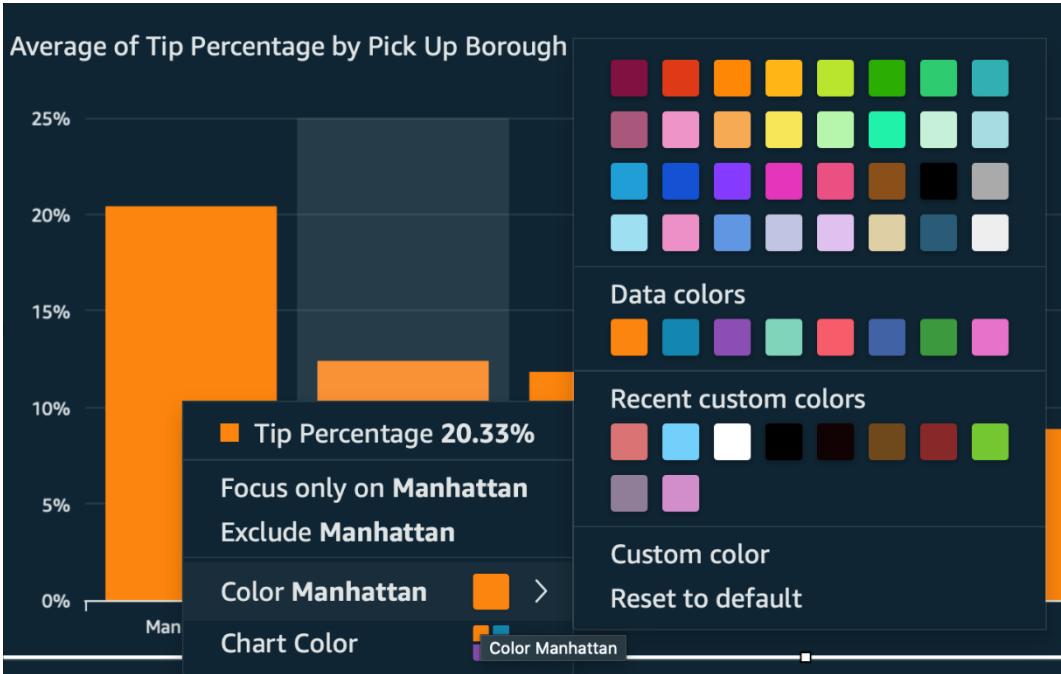
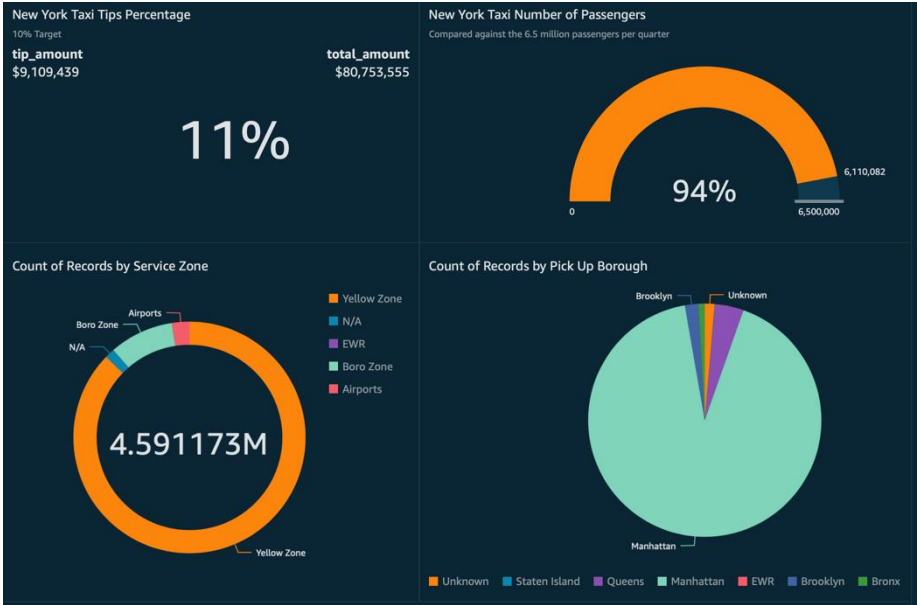
Replace an existing dashboard

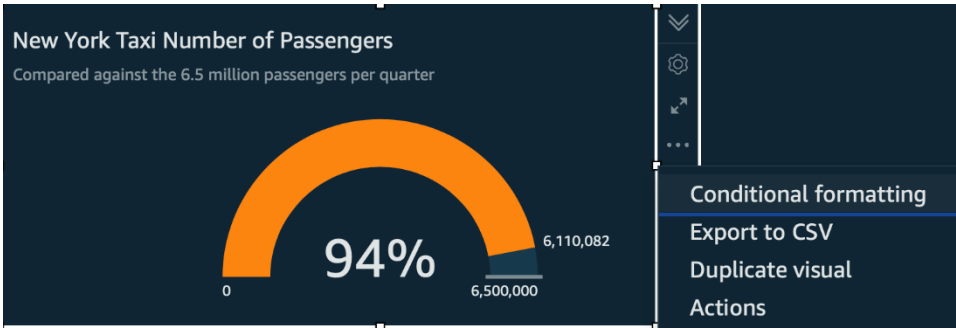
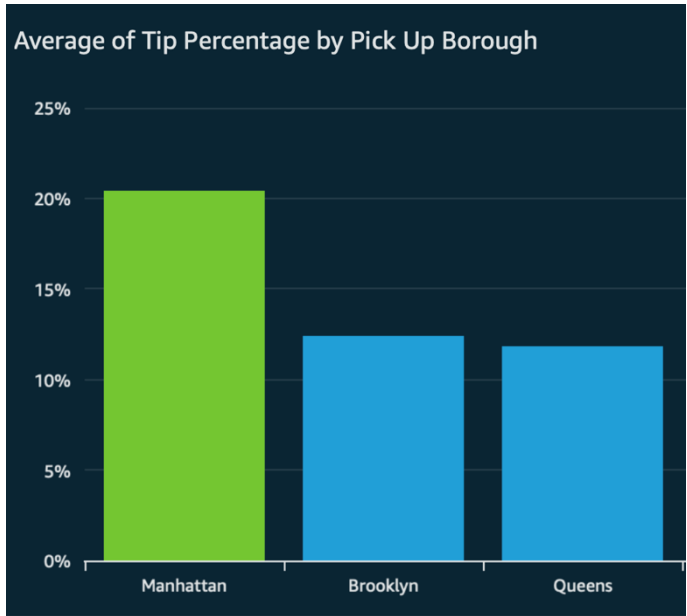
New York Taxi Dashboard
∨

Rename

[Advanced publish options](#) ∨

Publish dashboard





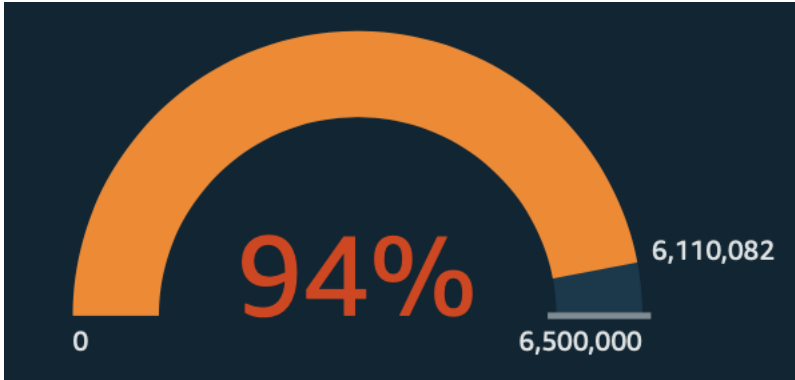
Column
Primary value

Format field based on
Percent (%)

Condition
Less than

Value (%) **Color**
95 ■

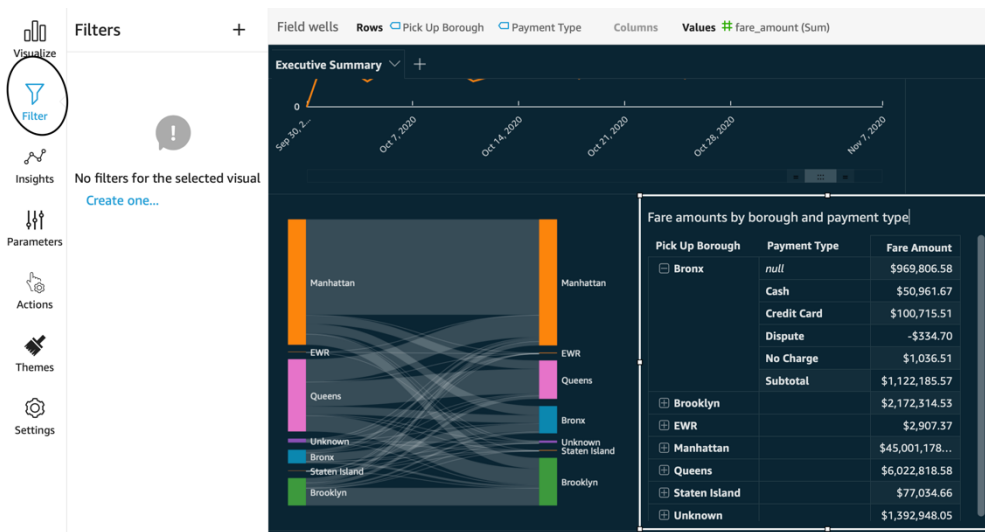
[+ Add condition](#)



Chapter 5: Building Interactive Dashboards

Fare amounts by borough and payment type

Pick Up Borough	Payment Type	Fare Amount
<input type="checkbox"/> Bronx	<i>null</i>	\$969,806.58
	Cash	\$50,961.67
	Credit Card	\$100,715.51
	Dispute	-\$334.70
	No Charge	\$1,036.51
	Subtotal	\$1,122,185.57
<input type="checkbox"/> Brooklyn		\$2,172,314.53



Filter type

Filter list 

Exclude 

Search values  

Select all

Cash


Credit Card

Dispute

No Charge

NULL

 Replace an existing dashboard


New York Taxi Dashboard 

Rename

Advanced publish options 

Dashboard options

Expand on-sheet controls by default

Enable ad hoc filtering 

Enable on-hover tooltip

Edit parameter



Use parameters to dynamically control values in your fields, filters, and sheet.

Name

Data type (Not alterable after creation)

Values

 Single value ⓘ Multiple values ⓘ

Static multiple default values

Cash
Credit Card
Dispute
No Charge

Edit filter



Payment Type

Equals - paymenttype



Filter type

 Use parameters

Parameters



Add control

Edit parameter

Delete parameter

Parameter

□ paymenttype

Display name ...

Payment Type

Style

List - multiselect

Multi-value parameter controls are only compatible with filters with equals/not equals condition.

Values

Specific values

Link to a dataset field

Dataset

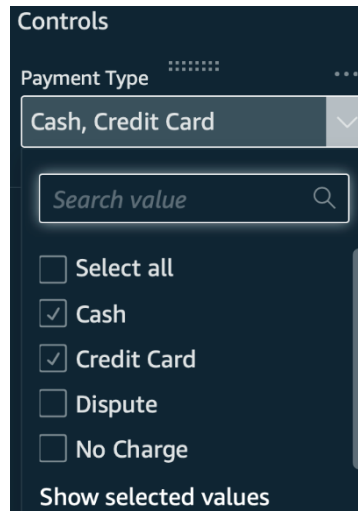
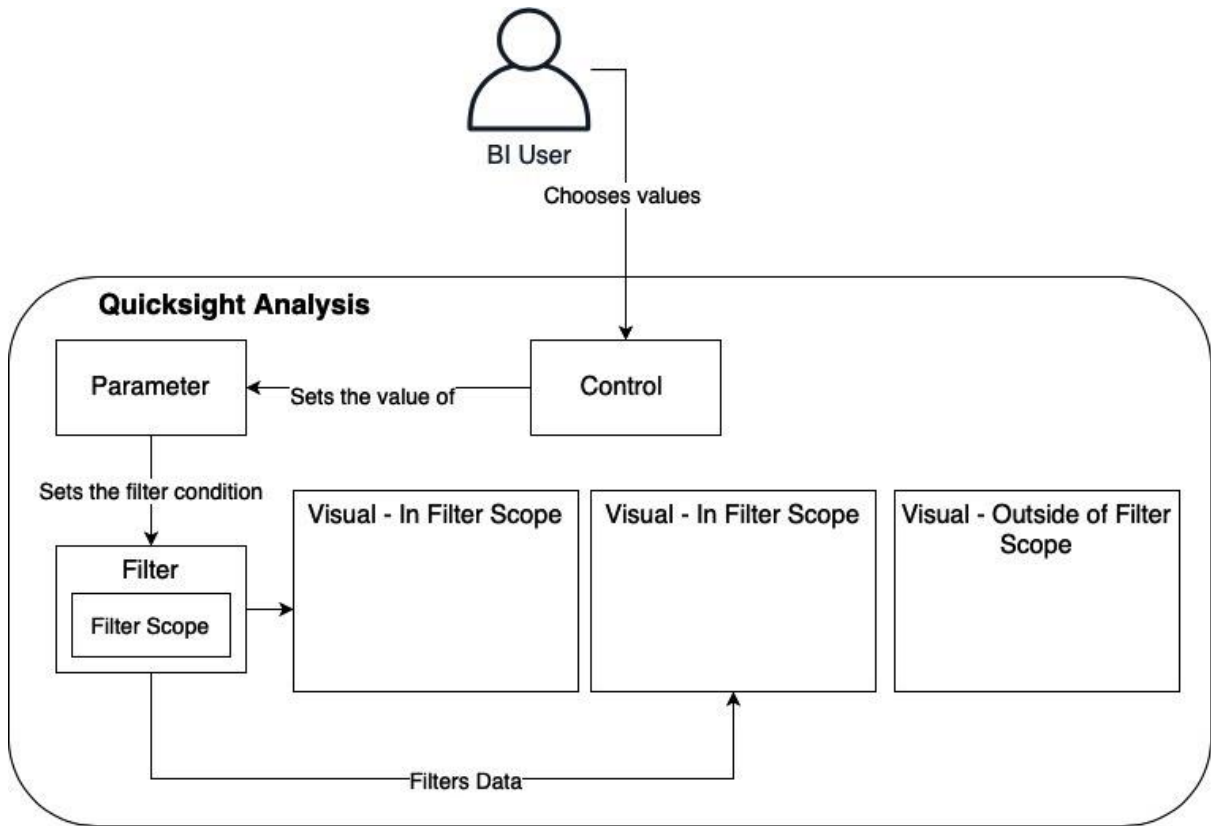
yellowtrips_3mo

Field

Payment Type

Hide search bar when control is on sheet

Hide Select all option from the control values if the parameter has a default configured ⓘ



Fare amounts by borough and payment type			Payment Type
Pick Up Borough	Payment Type	Fare Amount	
[-] Bronx	Cash	\$50,961.67	<input type="checkbox"/> Select all
	Credit Card	\$100,715.51	<input checked="" type="checkbox"/> Cash
	Subtotal	\$151,677.18	<input checked="" type="checkbox"/> Credit Card
[+] Brooklyn		\$355,811.86	<input type="checkbox"/> Dispute
[+] EWR		\$2,758.85	<input type="checkbox"/> No Charge
[+] Manhattan		\$40,901,567...	
[+] Queens		\$4,747,622.66	
[+] Staten Island		\$55,600.83	
[+] Unknown		\$390,085.84	

Action name ...

Filter by borough

Activation ⓘ

- Select
- Menu option

Action type

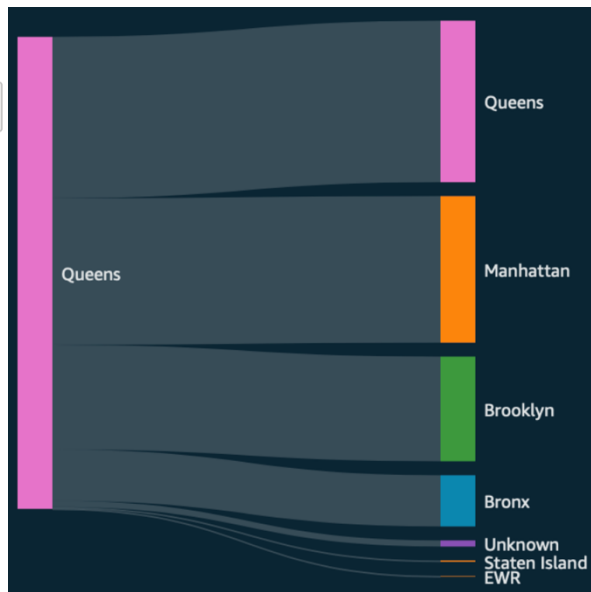
Filter action

Filter scope

- All fields
- Selected fields
 - Pick Up Borough

Target visuals

- All visuals
- Select visuals
 - New York Taxi Tips Percentage
 - New York Taxi Number of Passengers



Action name ...

Wikipedia look up

Activation ⓘ

Select

Menu option

Action type

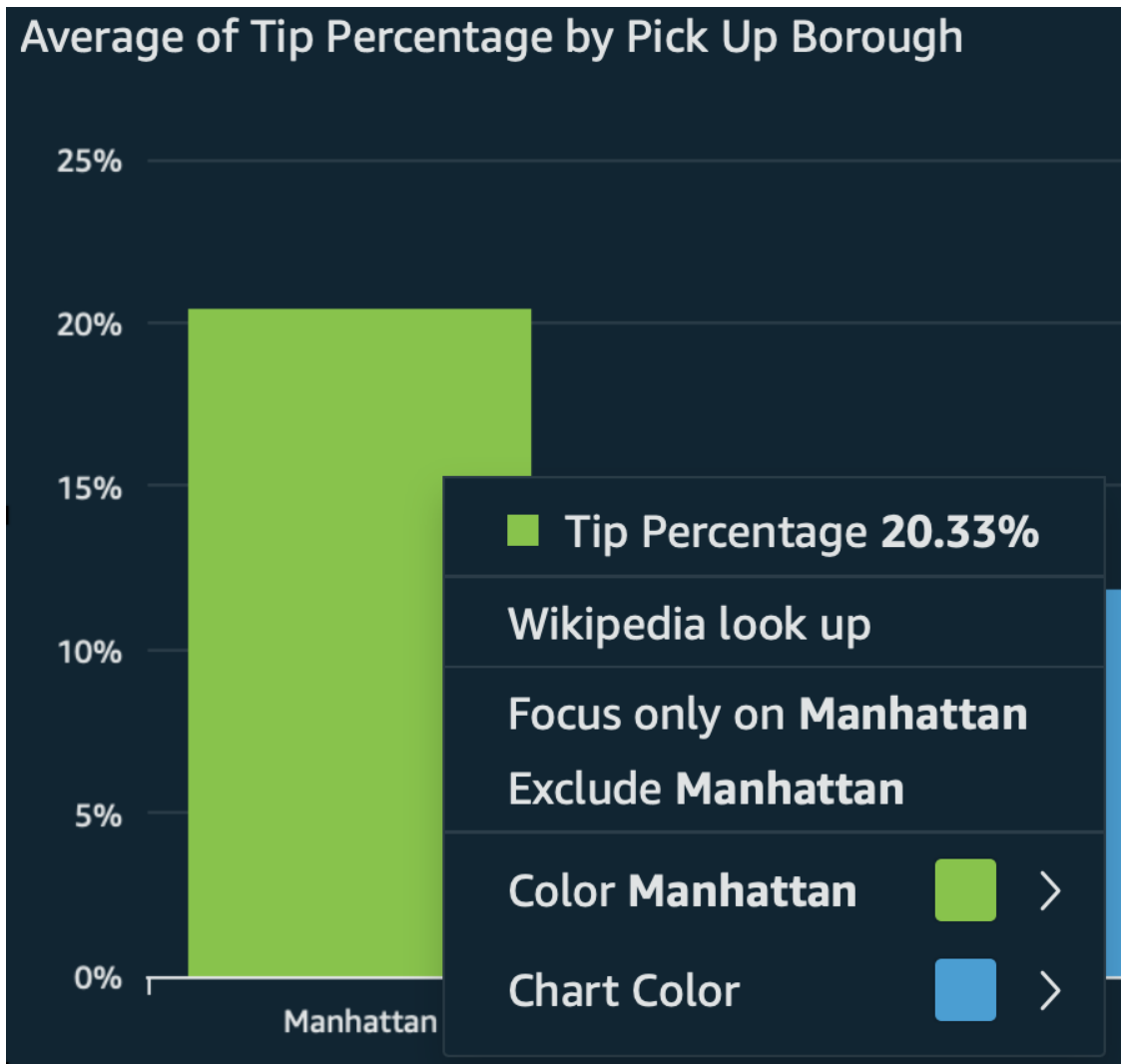
URL action

URL ...

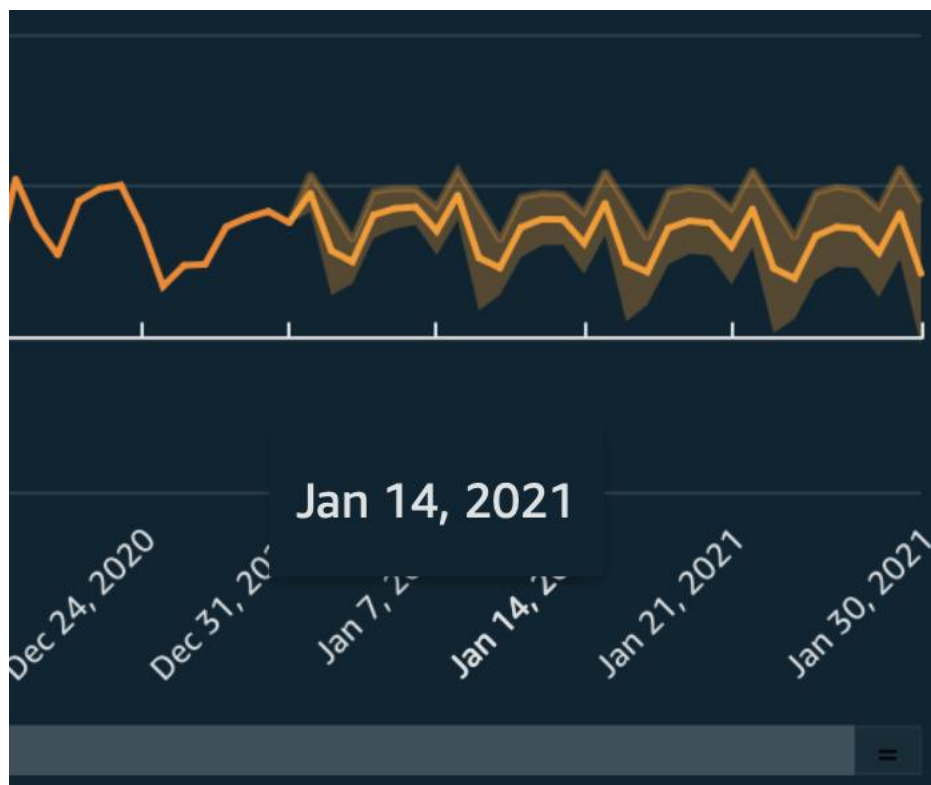
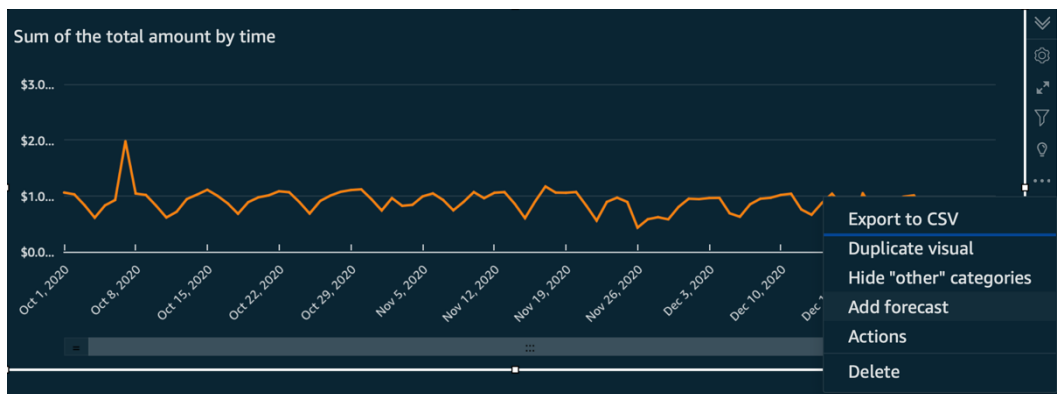
https://en.wikipedia.org/wiki/
/<<{Pick Up Borough}>>

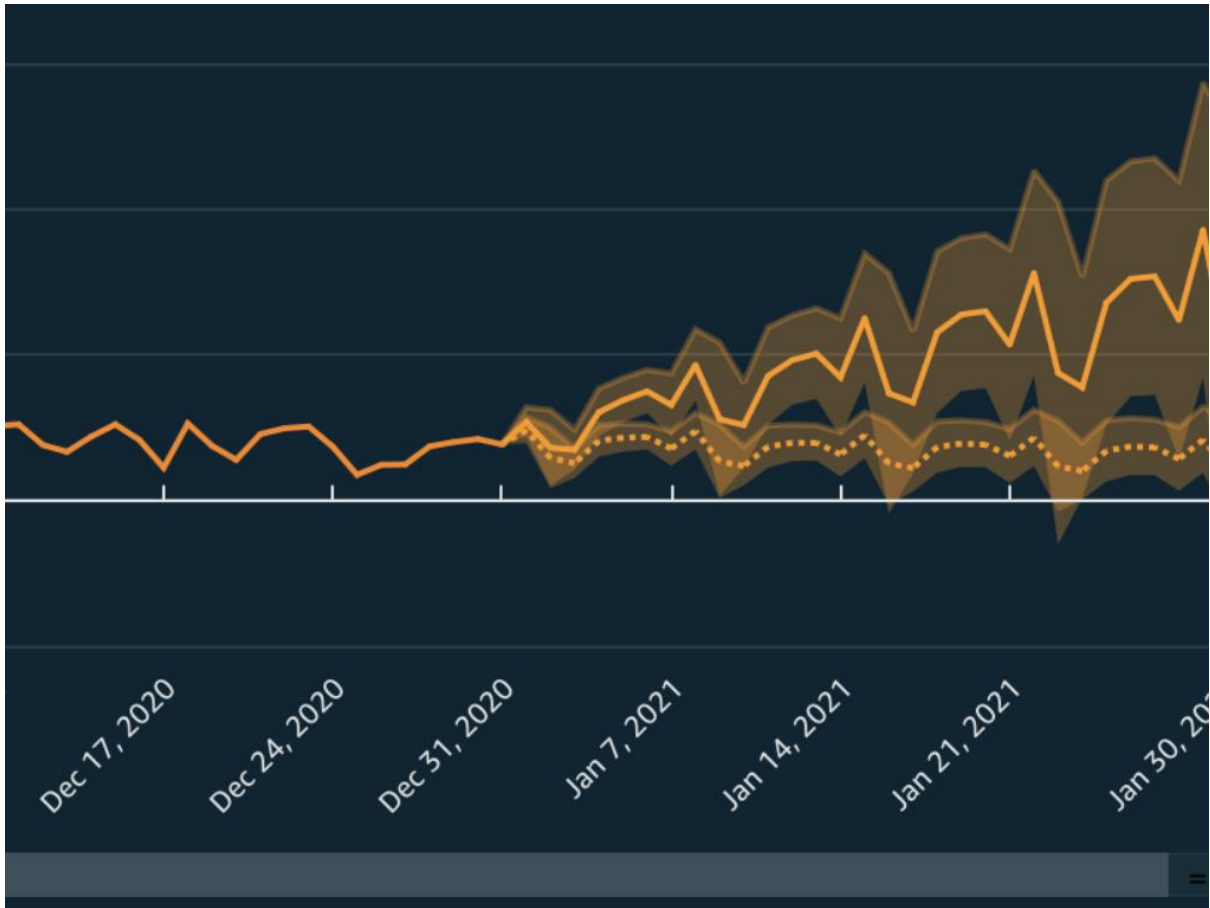
Open in

New browser tab



Chapter 6: Working with ML Capabilities and Insights





Suggested insights

MILES TRAVELLED BETWEEN BOROUGHES

TOTAL AGGREGATION
Total trip_distance is 21,038,051.65.

TOTAL AGGREGATION
Total trip_distance is 21,038,051.65.

TOP 3 PICK UP BOROUGHES
Top 3 Pick Up Boroughs for total trip_distance are:
Manhattan with 10,857,132.65
Queens with 6,256,455.82
Brooklyn with 2,374,031.77

TOP 3 DROP OFF BOROUGHES
Top 3 Drop Off Boroughs for total trip_distance are:
Manhattan with 10,914,411.26
Brooklyn with 4,126,976.43
Queens with 3,327,222.24

Field wells **Source** Pick Up Borough **Destination** Drop Off Borough

Executive Summary ▾ +

Miles travelled between boroughs
Pick up borough on the left, destination on the right

BEST DAY

Highest day is Oct 7, 2020 with total total_amount of **\$1,978,758.30**

WORST DAY

Lowest day is Dec 25, 2020 with total total_amount of **\$345,309.32**

Computation ⓘ



Select a computation that you can use in your insight text

Computation type

Bottom ranked ▾

- Bottom ranked
- Bottom movers
- Forecast *(ML-powered insight)*
- Growth rate
- Maximum
- Metric comparison
- Minimum
- Anomaly detection *(ML-powered insight)*
- Period over period
- Period to date
- Top ranked
- Top movers
- Total aggregation
- Unique values

Insight

Total trip_distance is 21,038,051.65.

Edit narrative ⓘ

Cancel

Save

Insert code ▾ Paragraph ▾ **B** *i* U

Total. TotalAggregate.metricField.name is TotalAggregate.totalAggregate.formattedValue .

Computations ▾

Parameters ▾

Functions ▾

[+ Add computation](#)

Preview

Total trip_distance is 21,038,051.65.

The total distance travelled in New York over the period between **01 Oct 2020** and **31 Dec 2020** is **21,036,854.06** miles.

Computations



ForecastInsight



timeField

name

timeGranularity

Pick Up Borough Miles Forecast

Manhattan



Drop Off Borough Miles Forecast

Queens



FORECASTED DISTANCE DRIVEN BETWEEN BOROUGHS

Total distance driven from **Manhattan** to **Queens** on the Jan 10, 2021 is forecasted to be **5978** miles.

Insight

Configure anomaly

Add any additional fields you wish to include in this insight.

Get started

Set up anomaly detection

Discover hidden trends and outliers in your data—and the key drivers behind them. Additional costs apply. [Learn more.](#)

Compute options

Fields to be analyzed

tpep_pickup_datetime trip_distance (Sum)

Combinations to be analyzed
Analyze hierarchical field combinations in the Category field well. ⓘ

Hierarchical

Name
This shows up in the narrative editor under Computations.

AnomalyDetection

Display options Show 3 anomalies Medium and above

Schedule options Daily starting 2021/07/06 at 18:20 (Europe/London)

Top contributors Pick Up Service Zone, Pick Up Borough

Preview

ⓘ This is only a limited snapshot of your results. To see the complete list of anomalies, click Save > Run now.

Anomaly detected on Dec 8, 2020:
Total trip_distance at 1,163,616.13, which was **higher** than the expected 179,120.07.

Preview results

Top Contributors Contribution percentage

Pick Up Service Zone	% contr.	DoD change
Boro Zone	107%	4438%▲ ...
Pick Up Borough	% contr.	DoD change
Queens	43%	2094%▲ ...
Brooklyn	37%	5478%▲ ...
Bronx	27%	6823%▲ ...

Insight

LAST UPDATED 9 MINUTES AGO

The top anomaly detected on Dec 8, 2020 was:

- **Total trip_distance** at 1,163,616.13, which was **higher** than the expected 179,120.07

[Explore anomalies](#)

Contributors

trip_distance increased 458% from 208,478.75 to 1,163,616.13 between Dec 7, 2020 and Dec 8, 2020.

Top Contributors [Configure](#)

Sort by Contribution percentage

Pick Up Service Zone	% contr.	DoD change
Boro Zone	107%	4438%▲ ...
Pick Up Borough	% contr.	DoD change
Queens	43%	2094%▲ ...
Brooklyn	37%	5478%▲ ...
Bronx	27%	6823%▲ ...

← Back to analysis

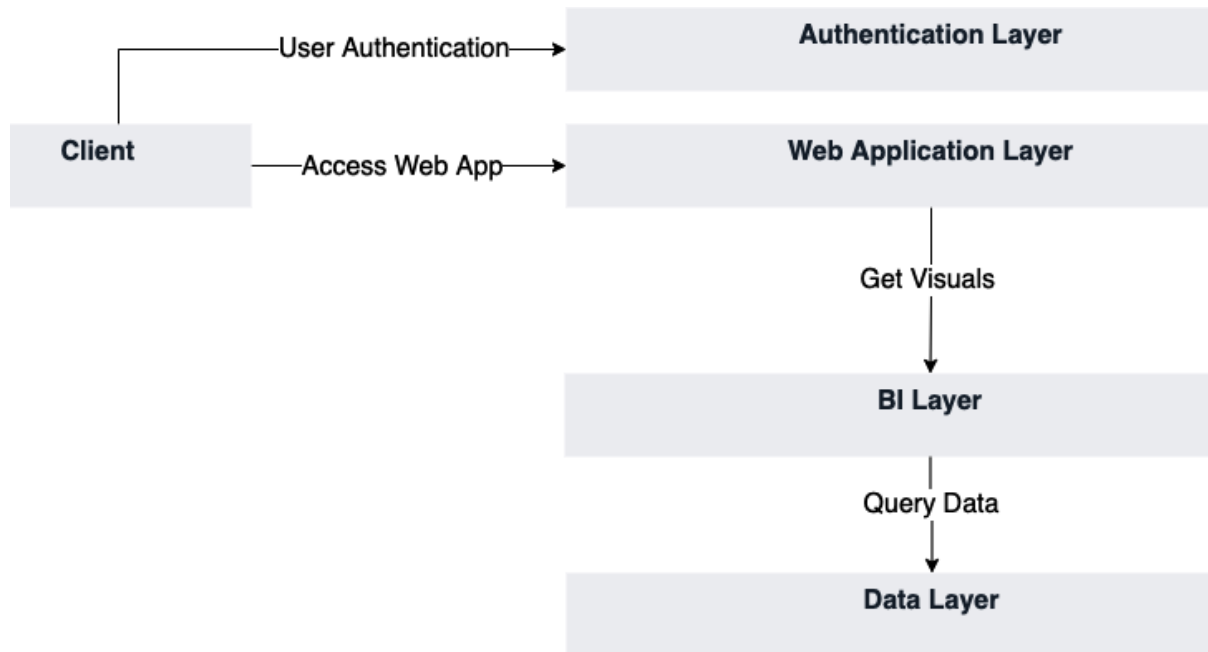
Controls: Severity Medium and a... Direction All Minimum delta - absolute va... 0 Minimum delta - percentage 0 Sort by Weighted diffe...

Anomalies for trip_distance on Dec 8th 2020

SHOW ANOMALIES BY DATE

Total trip_distance

Chapter 7: Understanding Embedded Analytics



Edition: Enterprise

- Manage users
- Your subscriptions
- SPICE capacity
- Account settings
- Security & permissions
- Manage VPC connections
- Mobile settings
- [Domains and Embedding](#)
- Account customization
- Single sign-on (SSO)

Manage domains for embedded dashboards

Embedded dashboards only work if they originate from domains you explicitly allow.

Domain

Required

Include subdomains ⓘ

Add

Domain	Include subdomains
No domains have been whitelisted for embedding	



Identity and Access Management (IAM)

Dashboard

▾ Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Create role

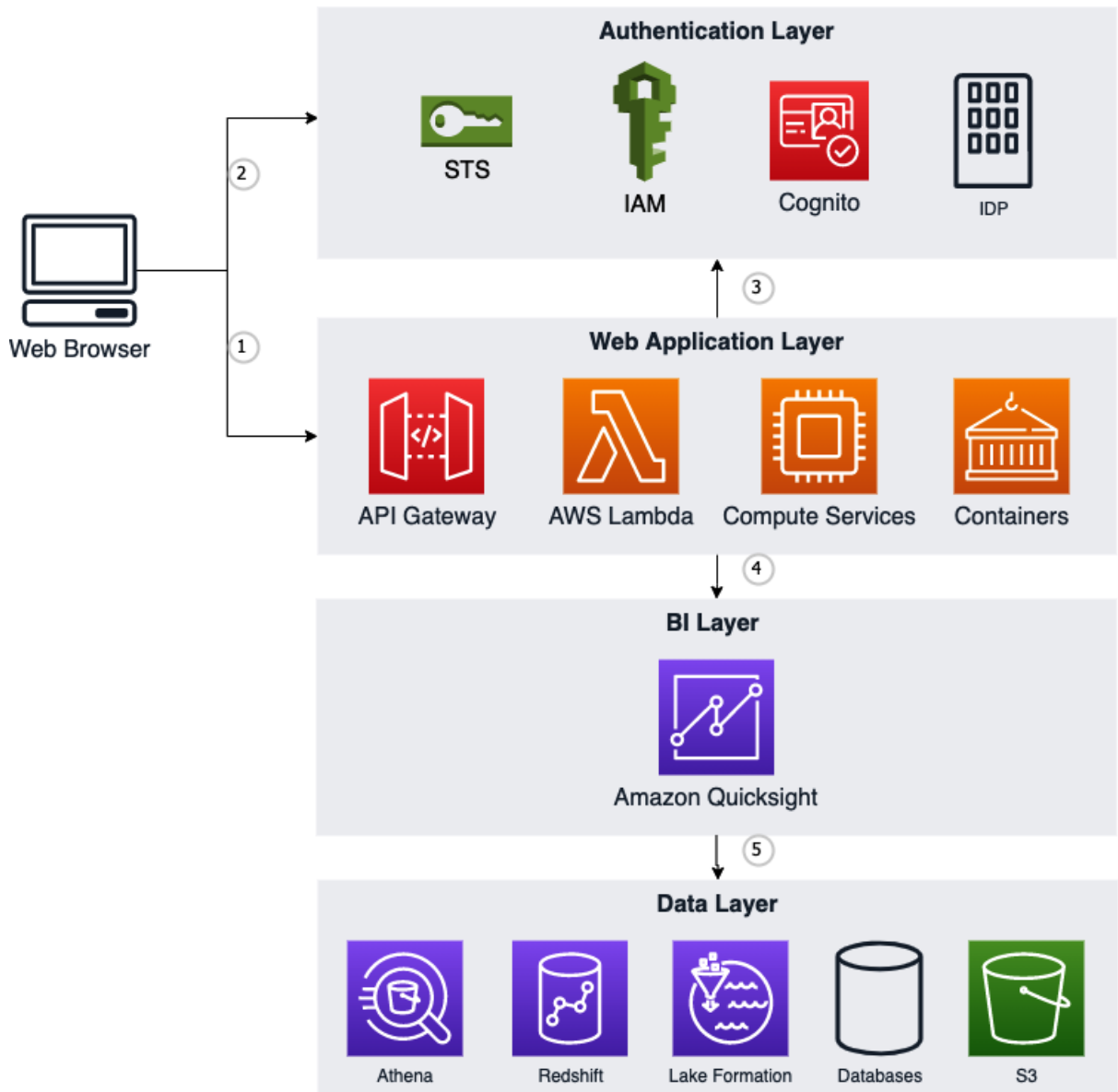


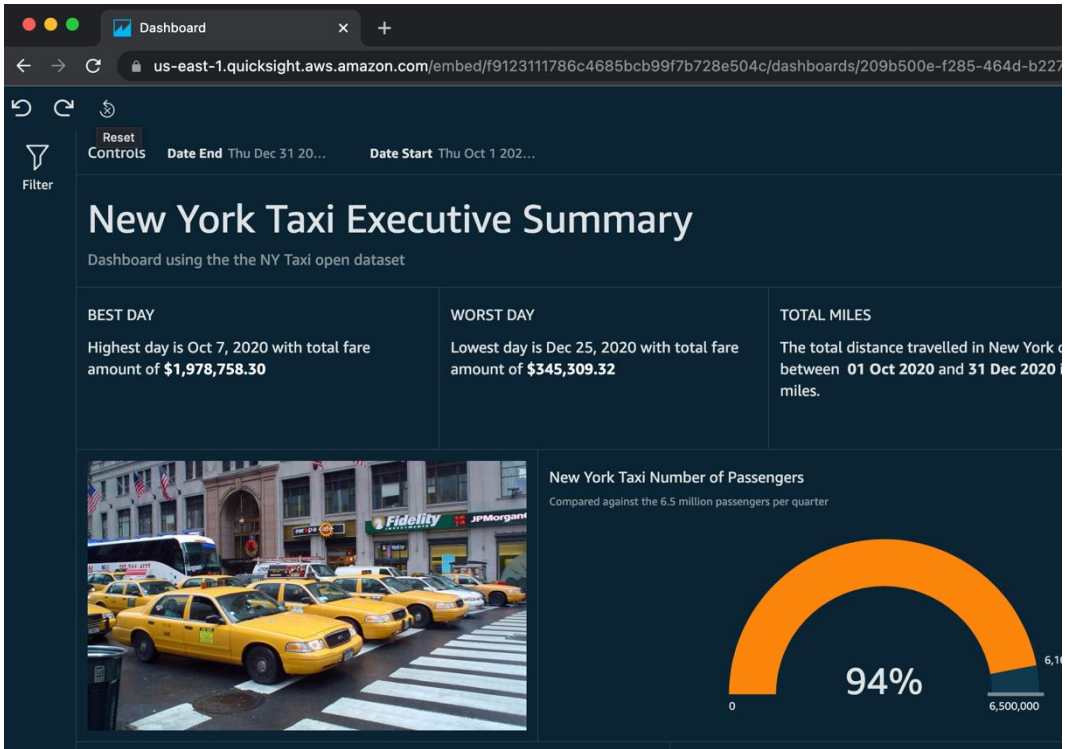
Select type of trusted entity

 AWS service EC2, Lambda and others	 Another AWS account Belonging to you or 3rd party	 Web identity Cognito or any OpenID provider	 SAML 2.0 federation Your corporate directory
--	---	---	--

Allows users federated by the specified external web identity or OpenID Connect (OIDC) provider to assume this role to perform actions in your account. [Learn more](#)

Choose a web identity provider





Chapter 8: Understanding the QuickSight API

Summary

User ARN: `arn:aws:iam: [redacted]`

Path: `/`

Creation time: [redacted]

Permissions | Groups (1) | Tags | **Security credentials** | Access Advisor

Sign-in credentials

Summary

- Console sign-in link: [https://\[redacted\].amazon.com/console](https://[redacted].amazon.com/console)

Console password: Enabled (last signed in Today) | [Manage](#)

Assigned MFA device: [redacted]

Signing certificates: [redacted]

Access keys

Use access keys to make programmatic calls to AWS from the AWS CLI, Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a (active or inactive) at a time.

For your protection, you should never share your secret keys with anyone. As a best practice, we recommend frequent key rotation.

If you lose or forget your secret key, you cannot retrieve it. Instead, create a new access key and make the old key inactive. [Learn more](#)

[Create access key](#)

[Download .csv file](#)

Access key ID	Secret access key
[redacted]	[redacted] Hide

ServiceNow

Adobe Analytics

FROM EXISTING DATA SOURCES

Sample CLI Datasouce
Updated a minute ago

Sample CLI Datasouce ×

DATABASE NAME: `dev`

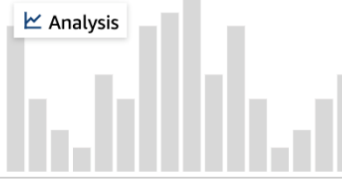
[Create dataset](#)

Find analyses & more

- ★ Favorites
- 🕒 Recent
- 📁 My folders
- 📁 Shared folders

Analyses

Analysis



Analysis From Template

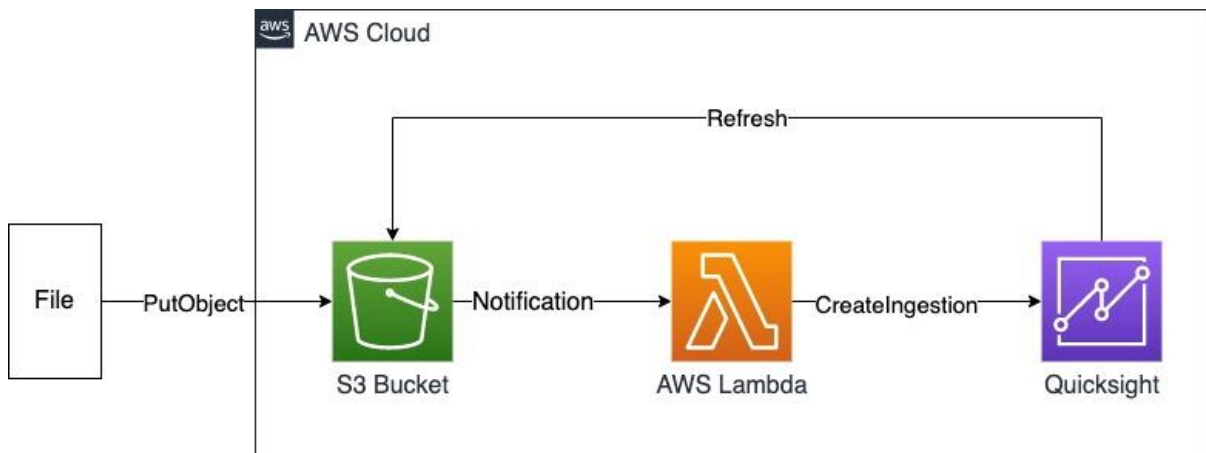
Updated a minute ago

Analysis

- Manhattan with 4,
- Queens with 183,1
- Brooklyn with 84,

yellowtrips_3m

Updated 3 days ago



sample

Dataset	
Name	Age
String	Integer
George	54



sample



Dataset

Name

□ String

George

Anna

Age

Integer

54

56

Chapter 9: Managing QuickSight Permissions and Usage

Share dashboard ×

Find a person or group to share with.

Marke

🔍 Marketing

Name	Email	Permission	Role

Manage dashboard accessShare

QuickSight

Find analyses & more 🔍

- ★ Favorites
- 🕒 Recent
- Dashboards

[Manage users](#)

Your subscriptions

SPICE capacity

Dashboards

NY-Taxi-Group-Membership

94%

NY-Taxi-Group-Membership

Updated a minute ago ☆

New York Taxi Dashboard

91.99%

New York Taxi Dashboard

Updated 2 months ago ☆

Manage users

Invite usersManage permissions

Edit custom permissions

Name

custom-author

Restrict access to

Dashboard & analyses

- Adding or running anomaly detection
- Creating or updating themes
- Exporting to CSV
- Exporting to Excel
- Sharing analyses
- Sharing dashboards
- Sharing datasets

Datasets

- Creating or updating all datasets
- Creating or updating only SPICE datasets

Data sources

- Creating or updating all data sources

Folders

- Creating shared folders
- Renaming shared folders

Reports

- Creating or updating email reports
- Subscribing to email reports

Threshold Alerts

- Creating or updating threshold alerts

Datasets

SPICE capacity for this region: 2.8GB of 5GB



Create a Dataset

Manage users

Your subscriptions

SPICE capacity

Account settings

[Security & permissions](#)

Manage VPC connections

Mobile settings

Domains and Embedding

Account customization

Security & permissions

QuickSight can control access to AWS resources for the e



QuickSight access to AWS services

Access granted to 5 services



Amazon Redshift



Amazon RDS

By configuring access to AWS services, QuickSight controlled through the options below.

Add or remove

S3	Lambda
----	--------

S3 Buckets Linked To QuickSight Account	S3 Buckets You Can Access Across AWS
---	--------------------------------------

Select the buckets that you want QuickSight to be able to access.

Selected buckets have read only permissions by default. However, you must give write permissions for Athena Workgroup feature.

Select all

S3 Bucket	Write permission for Athena Workgroup
<input checked="" type="checkbox"/> data-lake-xxxxxxxxxx	<input type="checkbox"/>

Grant data permissions

Principals

- IAM users and roles**
Users or roles from this AWS account.
- SAML users and groups**
SAML users and group or QuickSight ARNs.
- External accounts**
AWS accounts or AWS organizations outside of this account.

SAML and Amazon QuickSight users and groups
Enter a SAML user or group ARN or Amazon QuickSight ARN. Press Enter to add additional ARNs.

arn:aws:quicksight:us-east-1:██████████user/default/author

LF-Tags or catalog resources

- Resources matched by LF-Tags (recommended)**
Manage permissions indirectly for resources or data matched by a specific set of LF-Tags.
- Named data catalog resources**
Manager permissions for specific databases or tables, in addition to fine-grained data access.

Databases
Select one or more databases.

Choose databases ▼ Load more

my-data-lake-db ×

663817732471

Tables - optional
Select one or more tables.

Choose tables ▼ Load more

yellowtrips ×

663817732471

Add to folder



My folders

- New York Taxi Project

My folders / New York Taxi

Cancel

Add

My folders

My folders / New York Taxi Project

+ New

Name	Type	Owner	Last Modified
yellowtrips_3mo	Dataset	Others	20 hours ago
New York Taxi Dashboard	Dashboard	Me	2 months ago
yellowtrips_3mo analysis	Analysis	Me	22 days ago

Dashboards

New York Taxi Dashboard
Updated 2 months ago

- Add to folder
- Delete

Add to a shared folder?



This item will have the same sharing permissions as the selected folder.

Cancel

Add and share

Shared folders

New Folder

Name	Owner	Last Modifi...
Team Shared Folder	Me	19 minutes ...
<div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"><p>Share</p><p>Rename</p><p>Delete</p></div>		

Edit email report

You can send the dashboard in report form to individuals or groups, either once or on a schedule. Users who are readers (not authors or admins) are billed one session per report. Each report includes a free dashboard session. [Learn more](#)

1. Set the schedule for the report

Schedule
Send once (Does not repeat)

Send first report on

Time zone

2. Customize email text and report preference

Report title

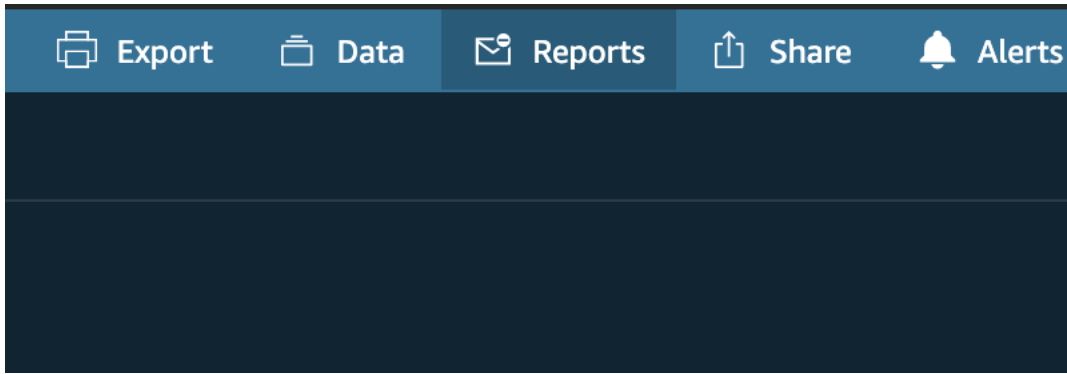
(Optional) E-mail subject line

(Optional) E-mail body text

Select sheet for report
Executive Summary

Include PDF attachment

Optimize report for
 Viewing on a desktop (Preserve the dashboard layout)
 Viewing on a mobile device (Display visuals in a single column)



Change report preferences



Next report will be sent out on Aug 29, 2021 10:15 AM (Europe/Helsinki)



Report schedule

Repeat once a week and start from Aug 29, 2021 10:15 AM (Europe/Helsinki)

Subscription to regular e-mail reports

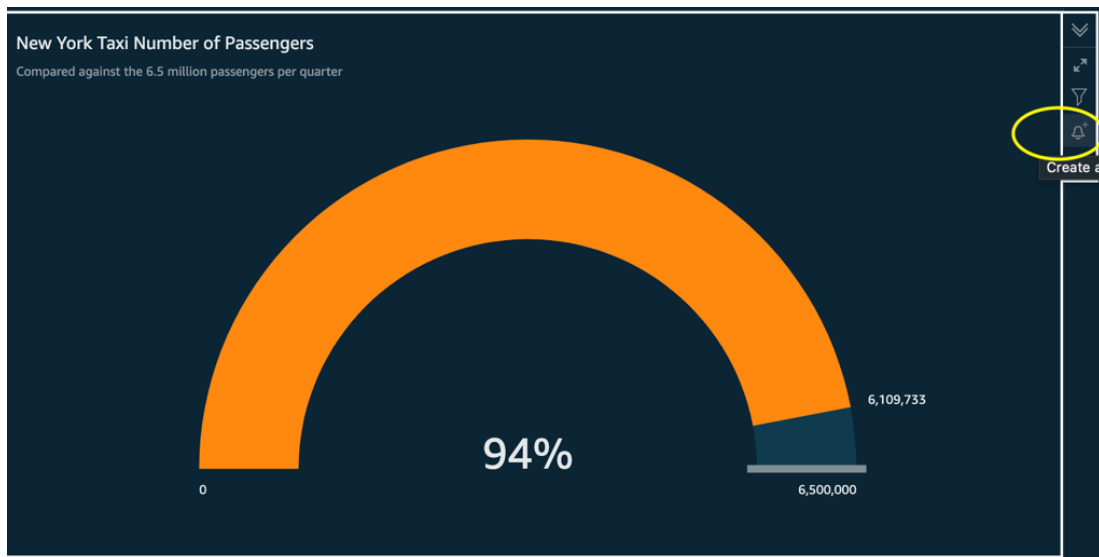
- Subscribe
- Unsubscribe

Optimize report for

- Viewing on a desktop (Preserve the dashboard layout) 
- Viewing on a mobile device (Display visuals in a single column) 

Cancel

Update



Create alert



Set up automatic notifications to monitor your data. Any filters applied to this visual also affect this alert.

Alert name

Alert value


Condition

Threshold

Notification preference

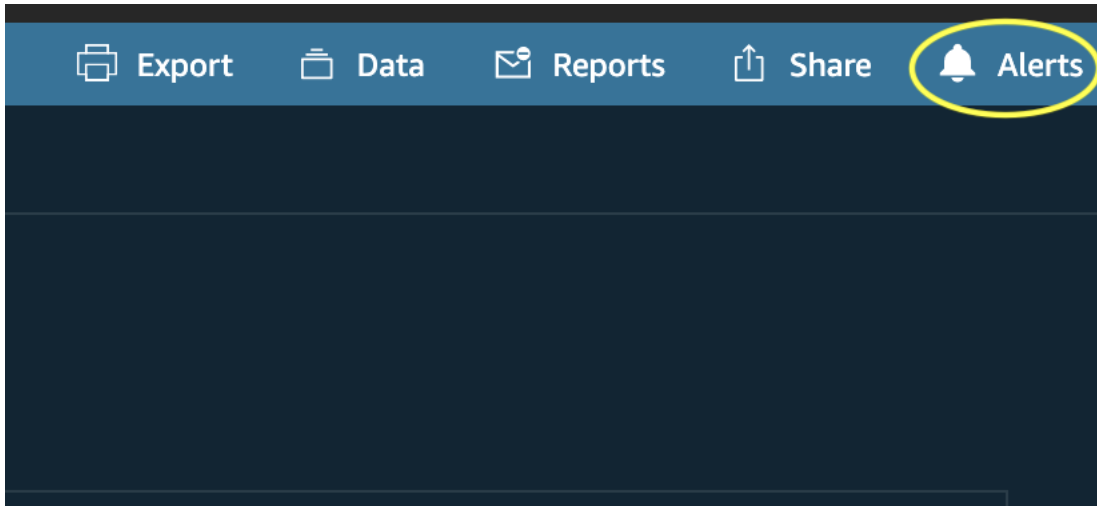
Email

Notify me when there is no data to check ⓘ

 **QuickSight** VIEW DASHBOARD

[Amber] New York Taxi Number of Passengers: is below 95%
Sep 6, 2021 4:30 PM EEST

93.09%



Manage dashboard alerts



[Amber] New York Taxi Number of Passengers: is below 95.00%



> Edit

∨ History

Alert date	Condition	Value
Sep 6, 2021 4:30 PM	below 95.00%	93.09%

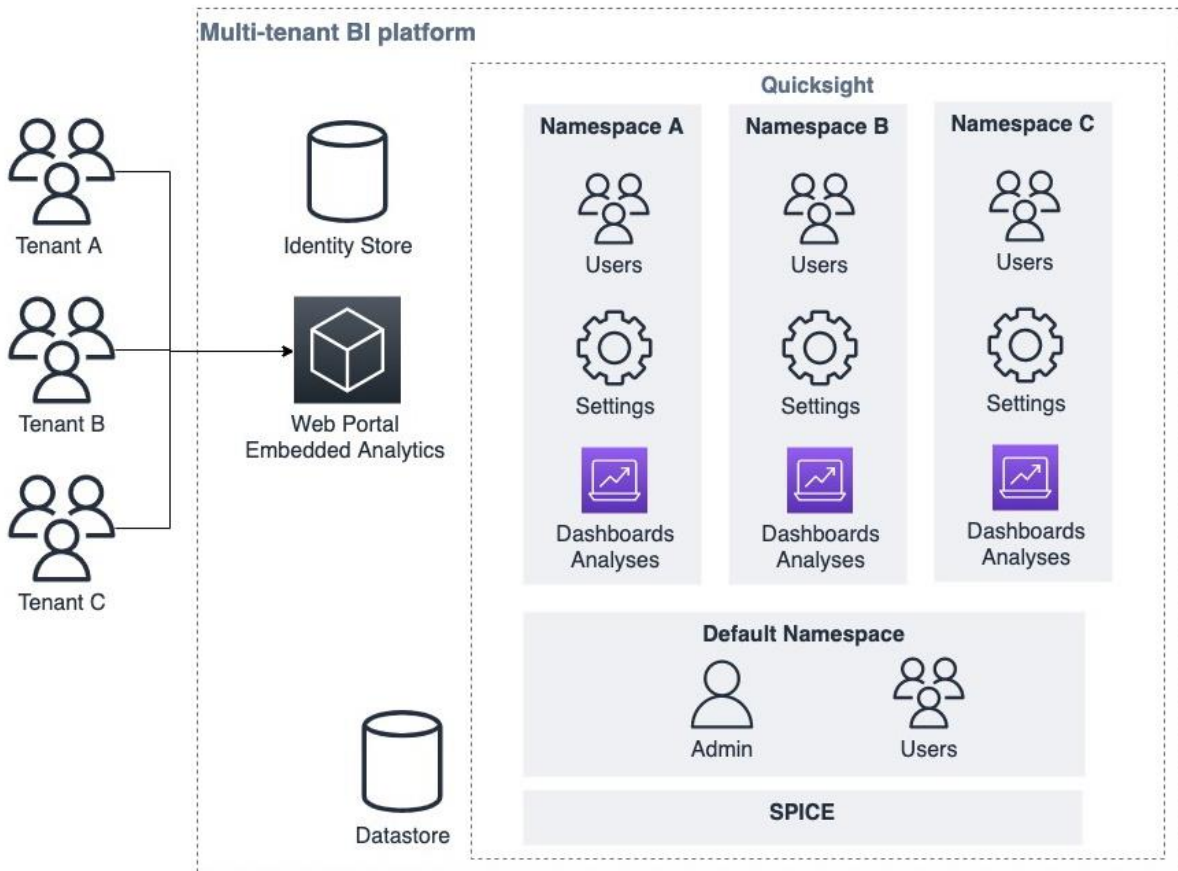
[Red] New York Taxi Number of Passengers: is below 90.00%



> Edit

> History - Alert has not been triggered

Chapter 10: Multitenancy in Amazon QuickSight



Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name*

[+ Add another user](#)

Select AWS access type

Select how these users will primarily access AWS. If you choose only programmatic access, it does NOT prevent users from accessing the console using an assumed role. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

Select AWS credential type* **Access key - Programmatic access**
 Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.

Password - AWS Management Console access
 Enables a **password** that allows users to sign-in to the AWS Management Console.

Console password* Autogenerated password
 Custom password

Show password

Require password reset User must create a new password at next sign-in
 Users automatically get the [IAMUserChangePassword](#) policy to allow them to change their own password.

author-a ▾

Username
author-a

Account name
companyA

Community

Send feedback

Manage dataset permissions ×

You can manage the settings and permissions for users, analyses, and dashboards that access this dataset.

- Users
- Usage
- Q topics

Shared with 1 user

Name	Permission	Actions
 author-a	Owner	

Close Invite users

 QuickSight

Find analyses & more

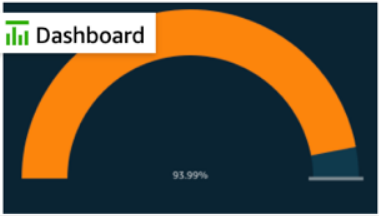
★ Favorites

🕒 Recent

📁 My folders

📁 Shared folders

Dashboards



Dashboard

New York Taxi Dashboard

Updated 2 months ago ☆ ⋮