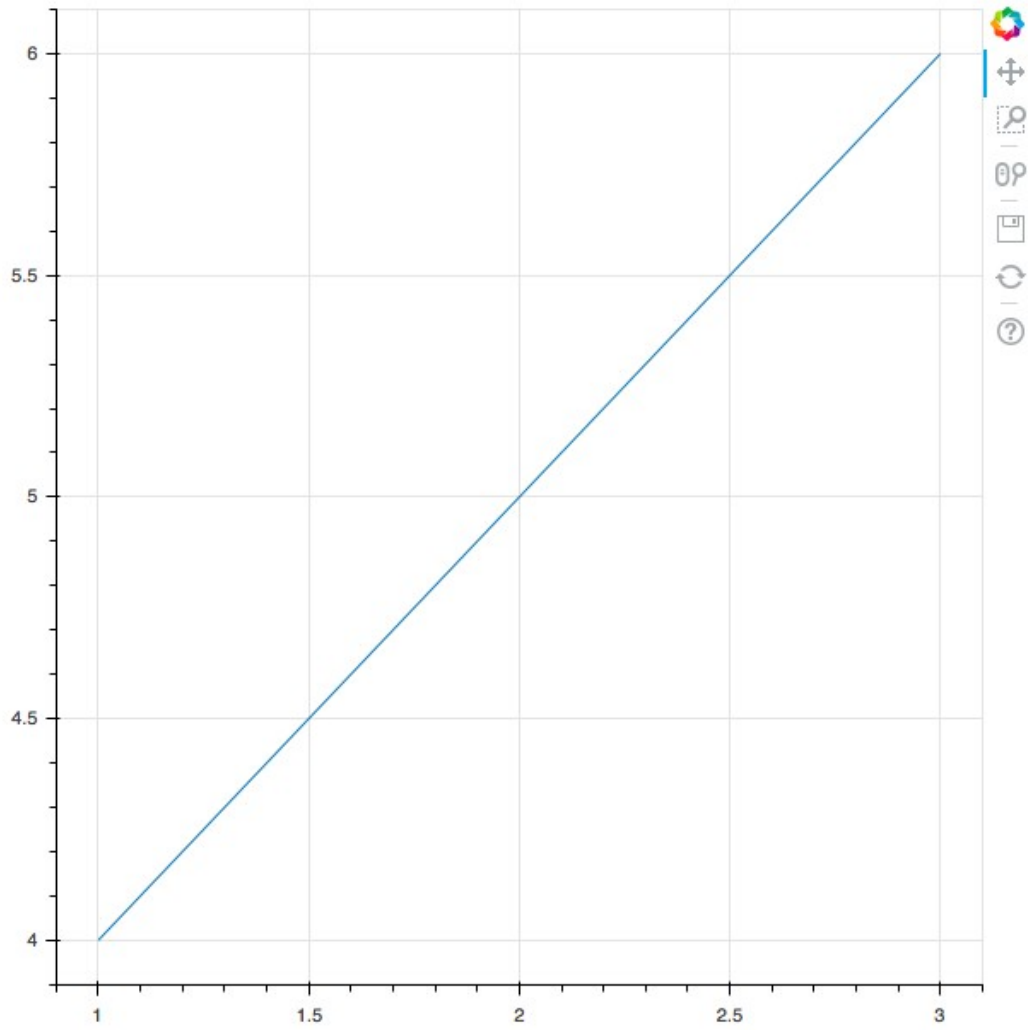
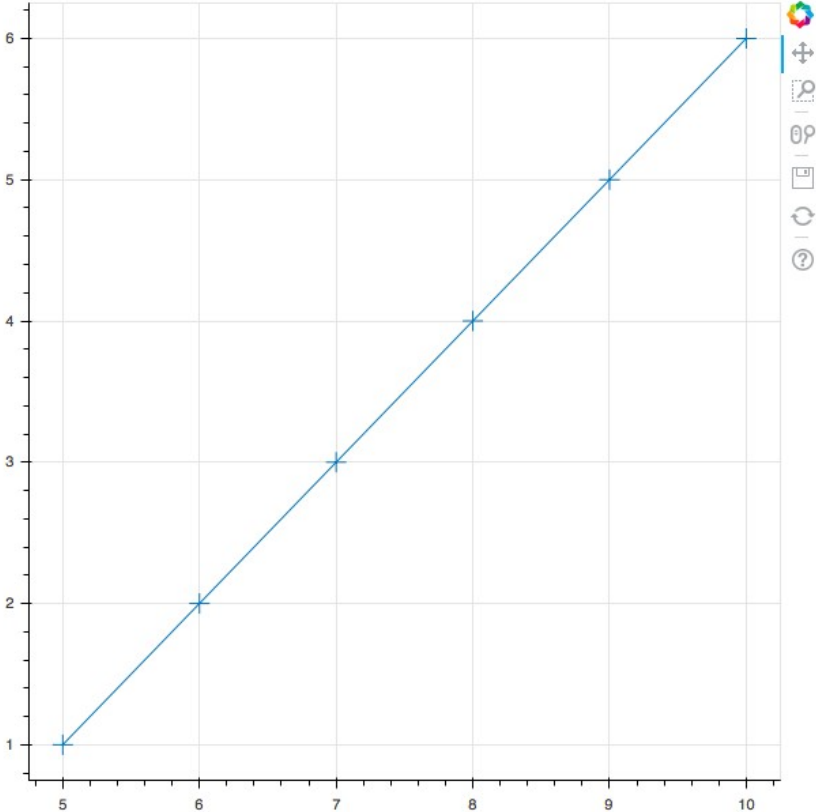
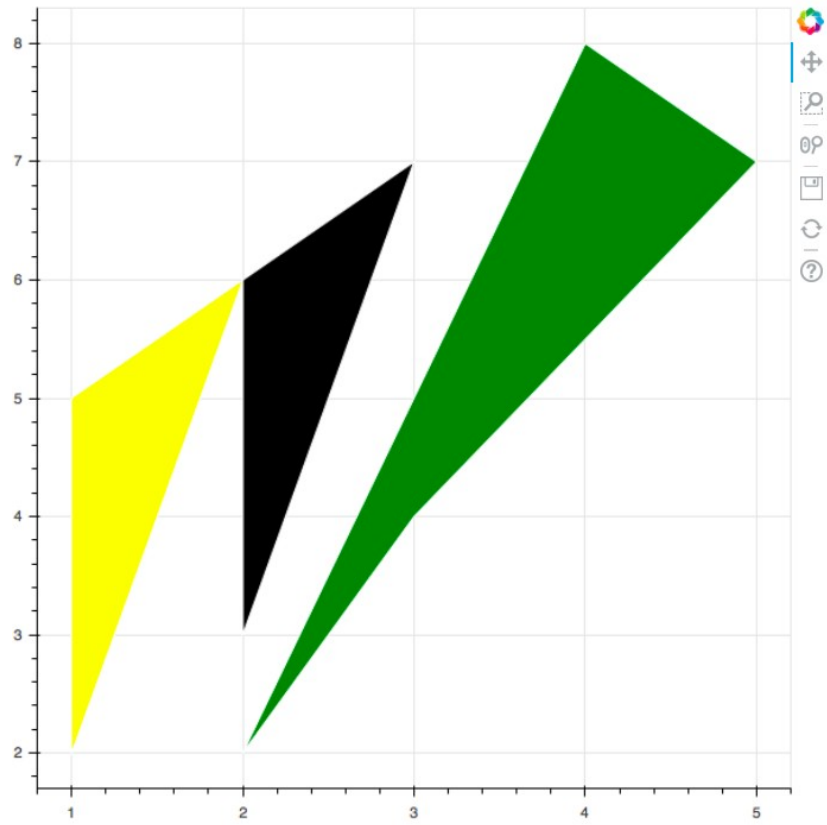
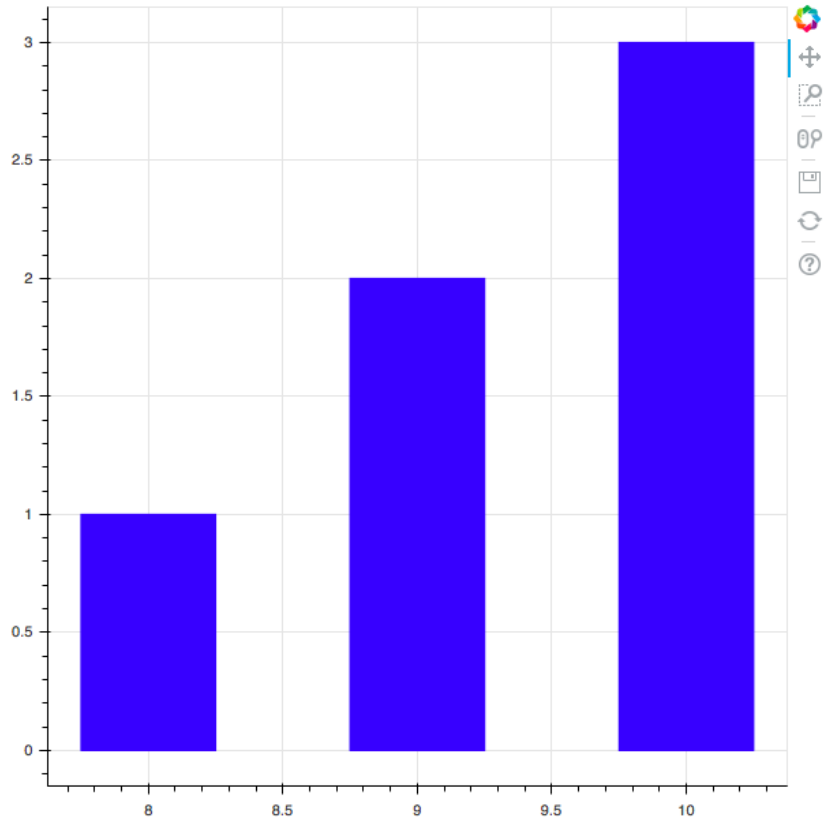


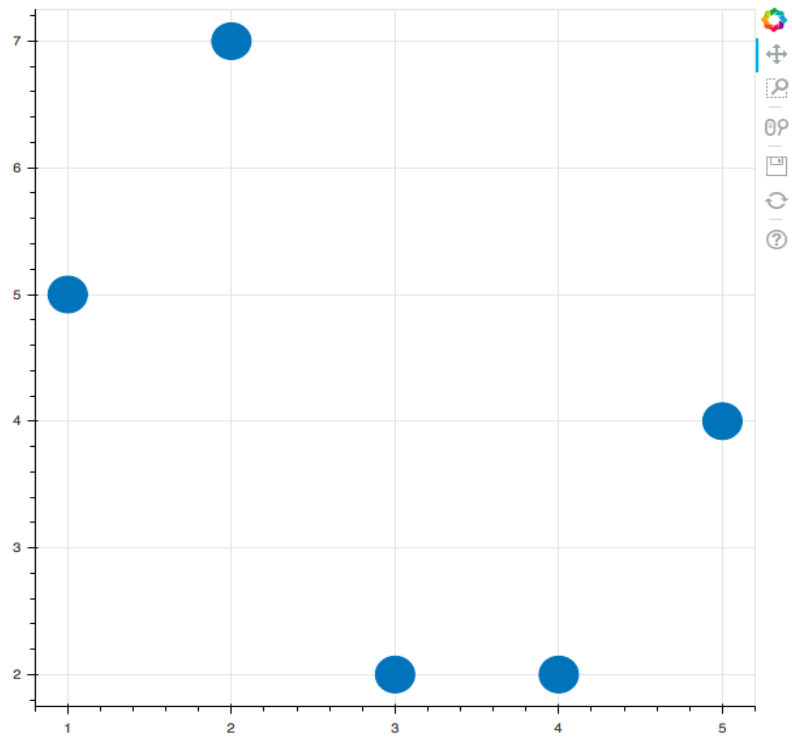
# Chapter 1: Bokeh Installation and Key Concepts



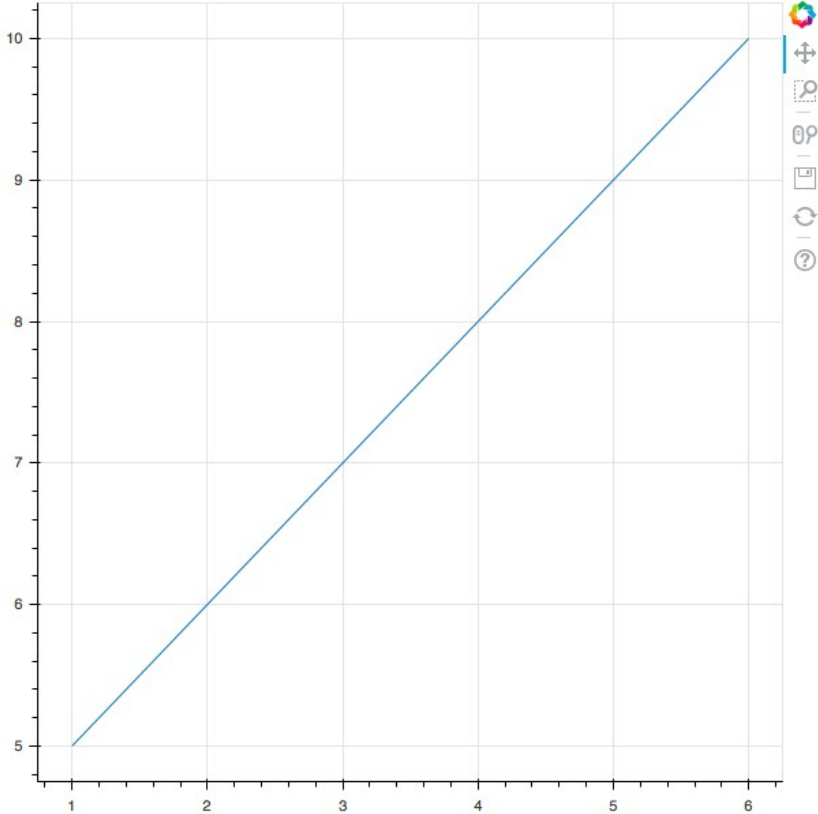
# Chapter 2: Plotting using Glyphs

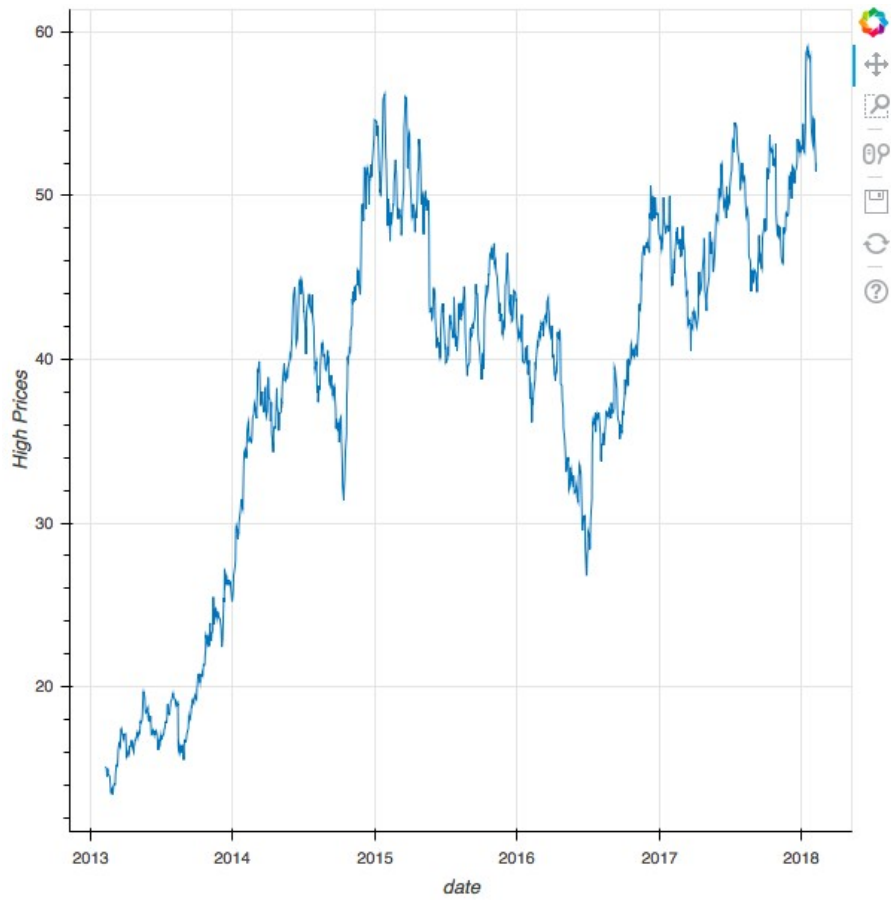
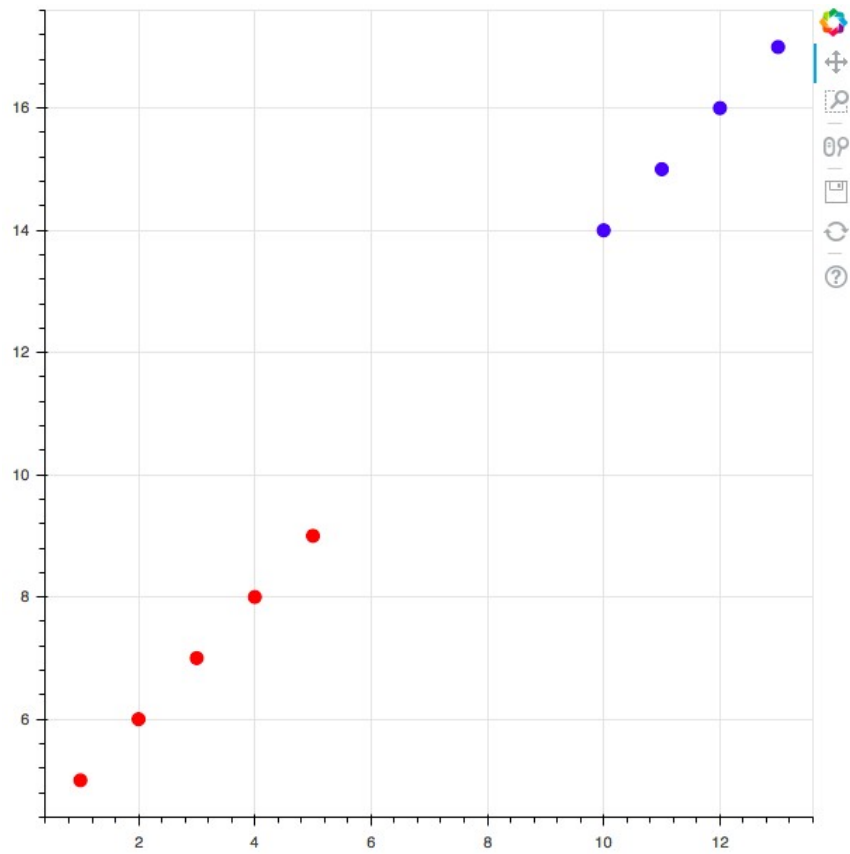


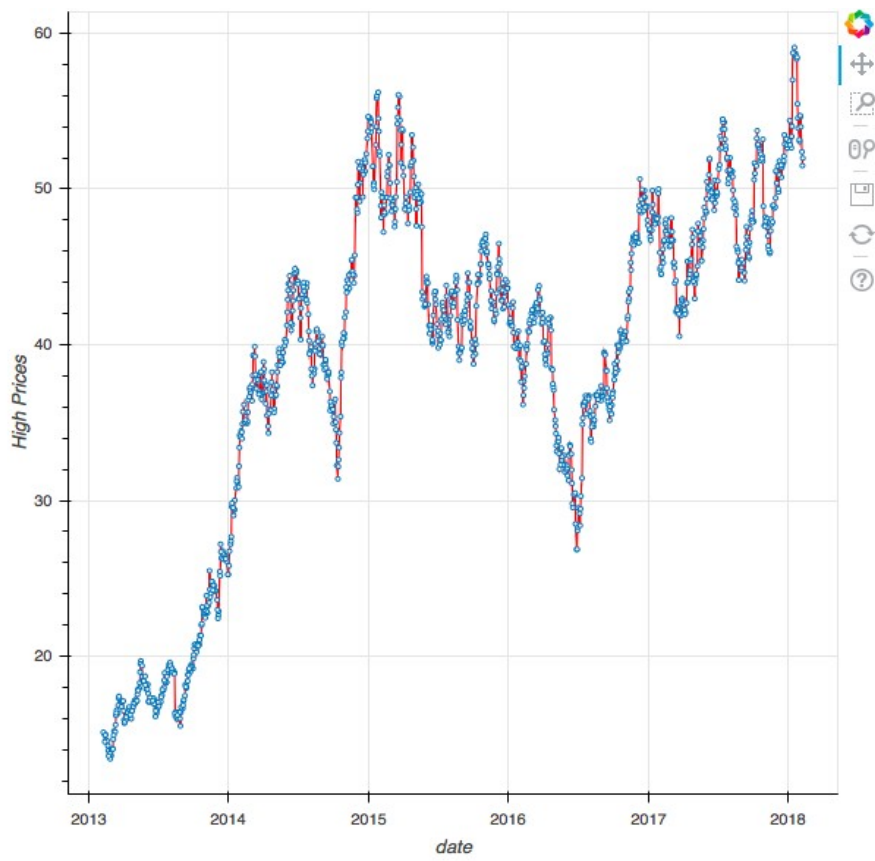
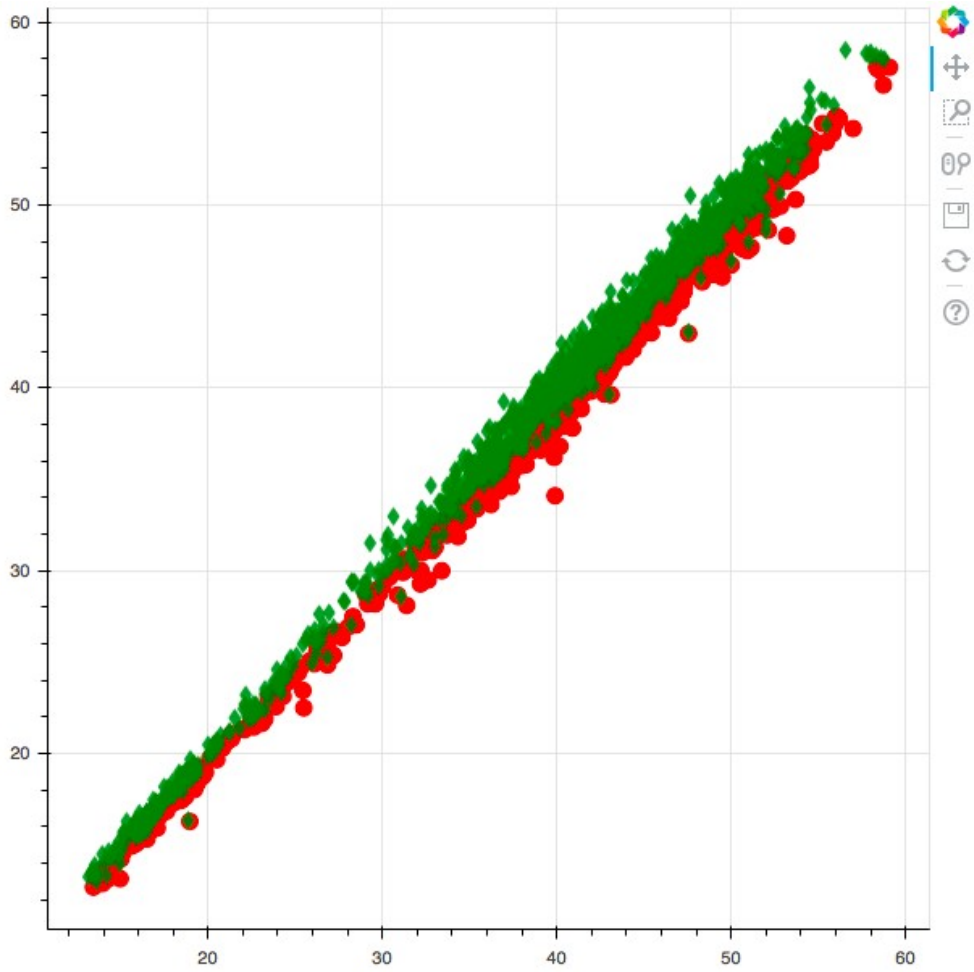


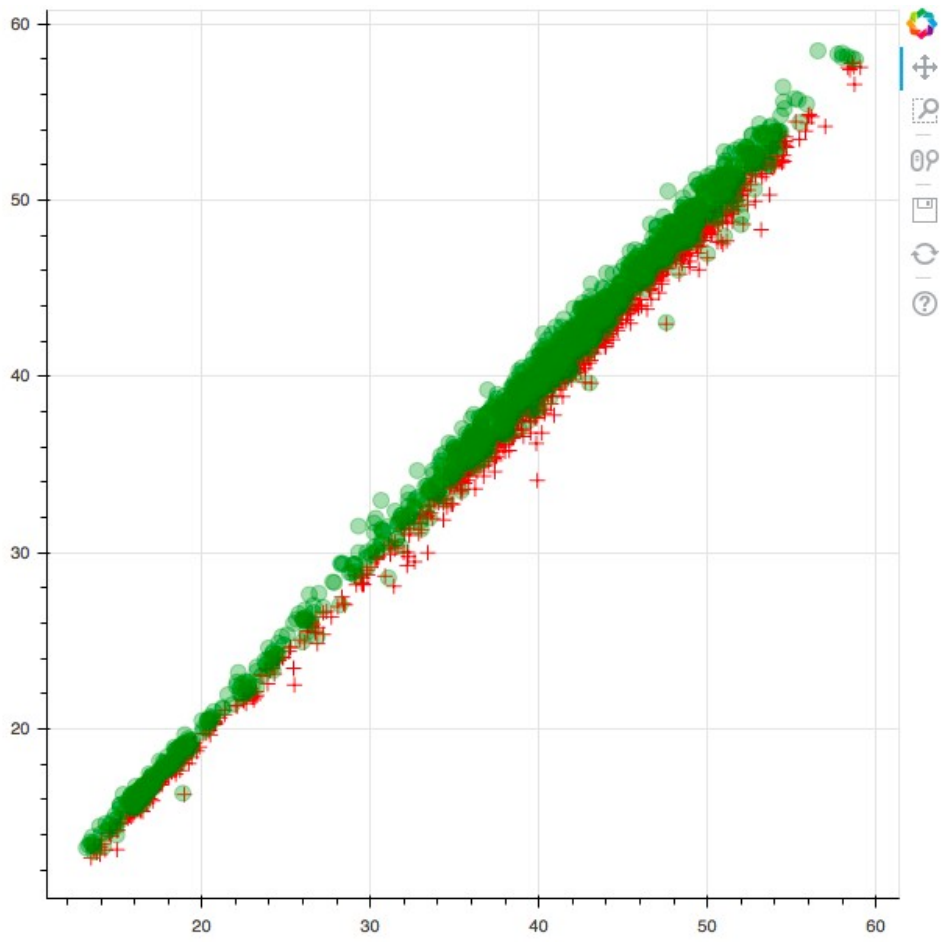


# Chapter 3: Plotting with different Data Structures



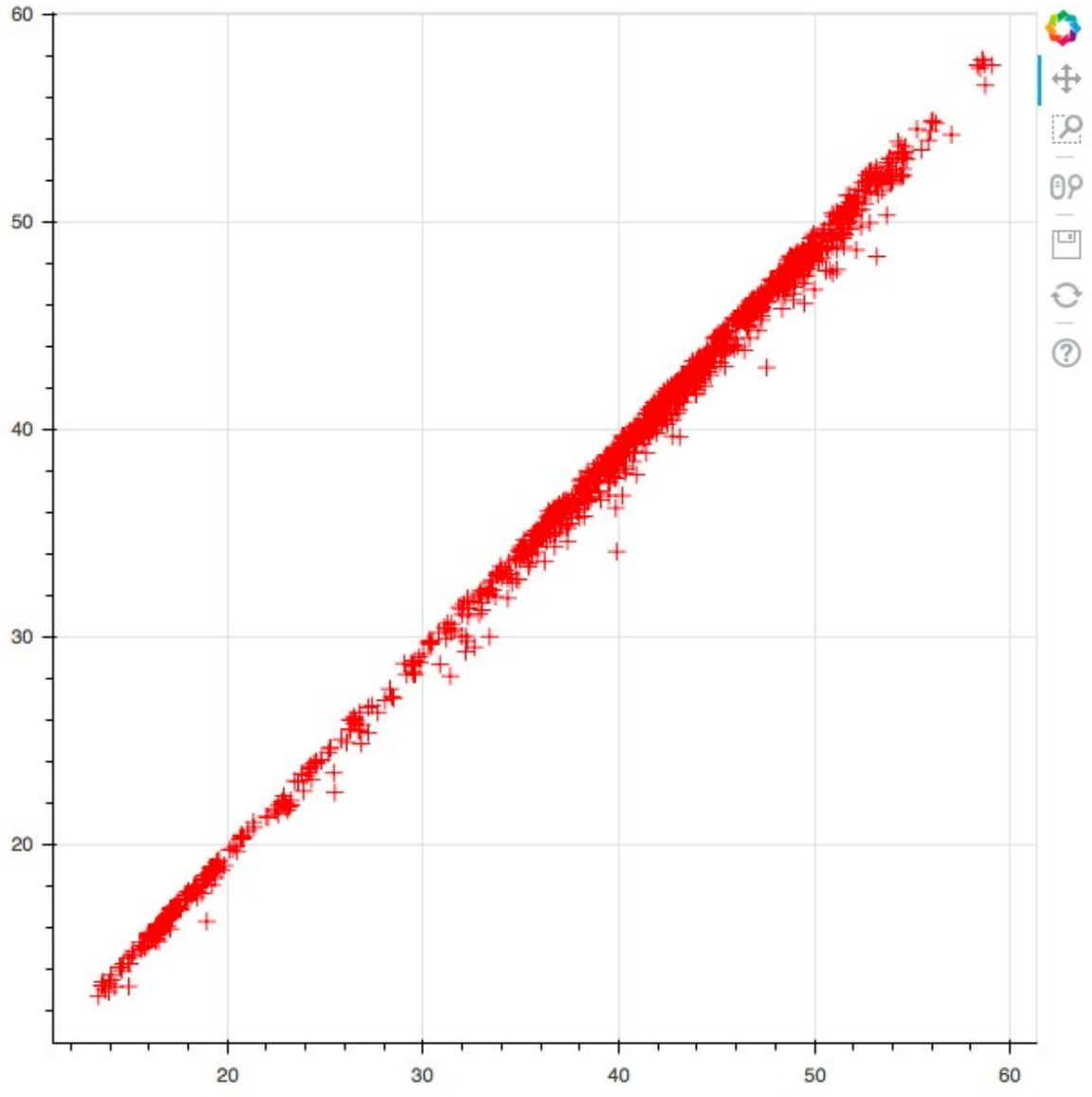


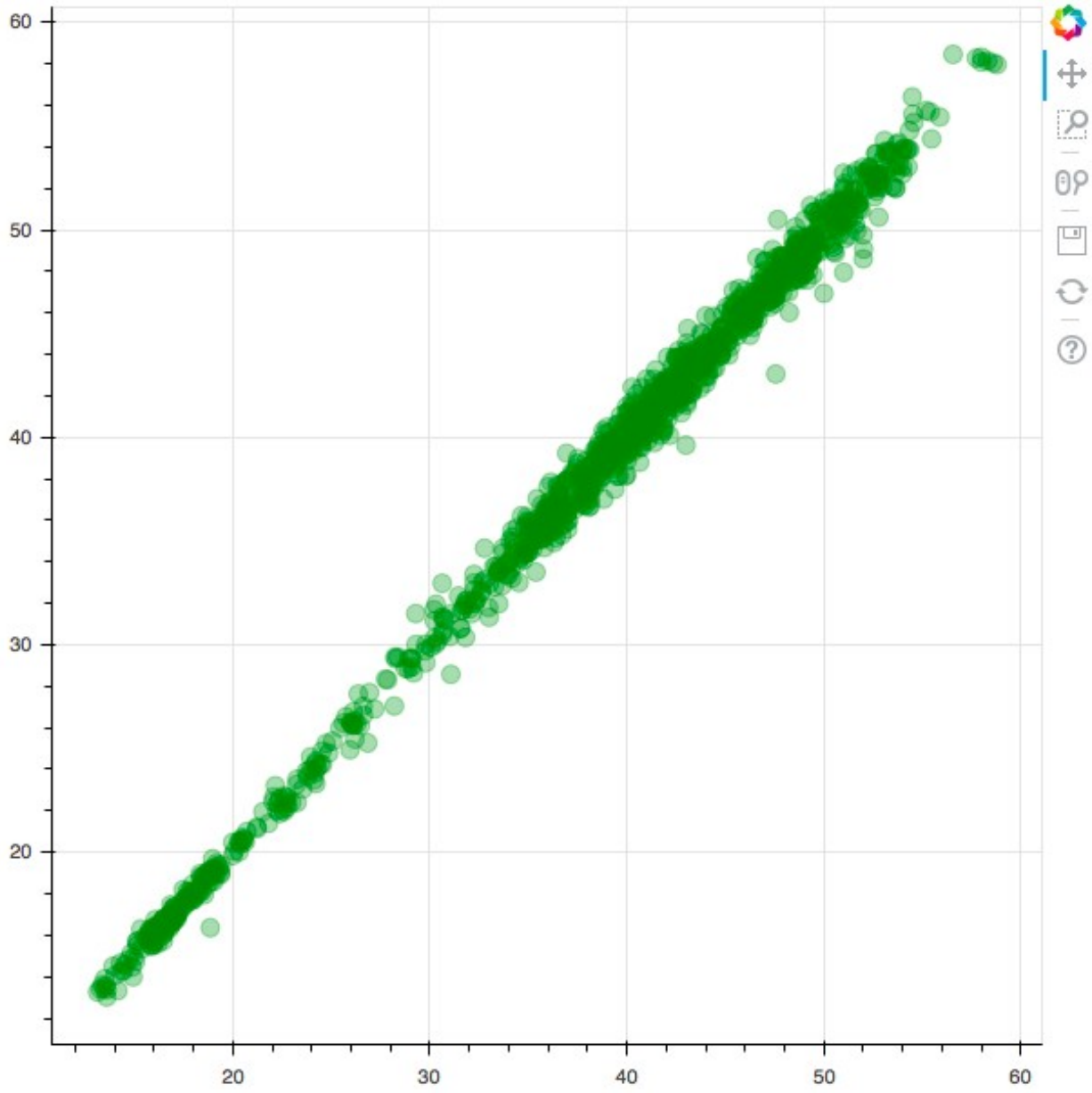


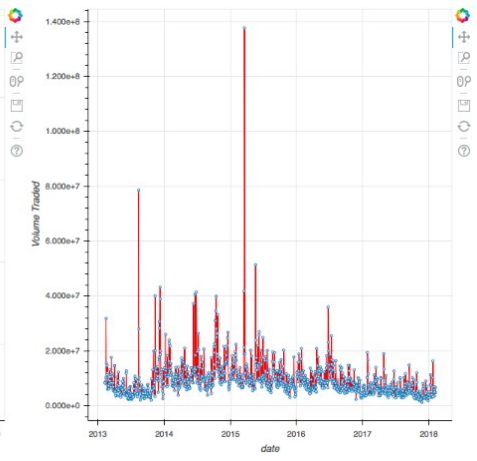
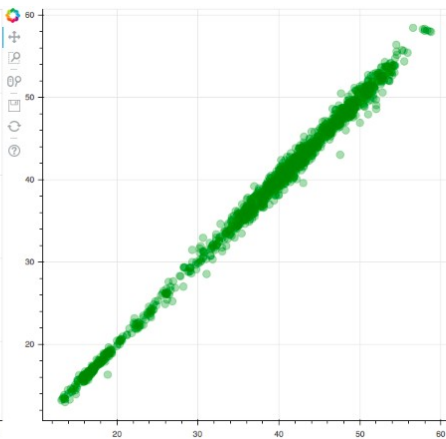
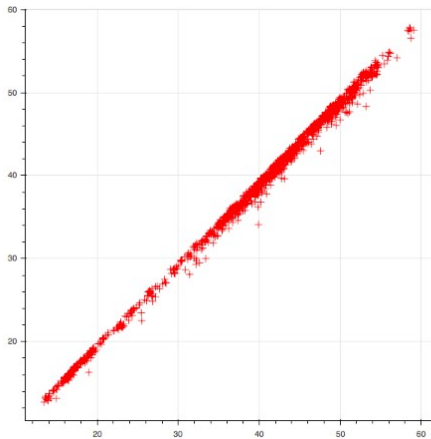
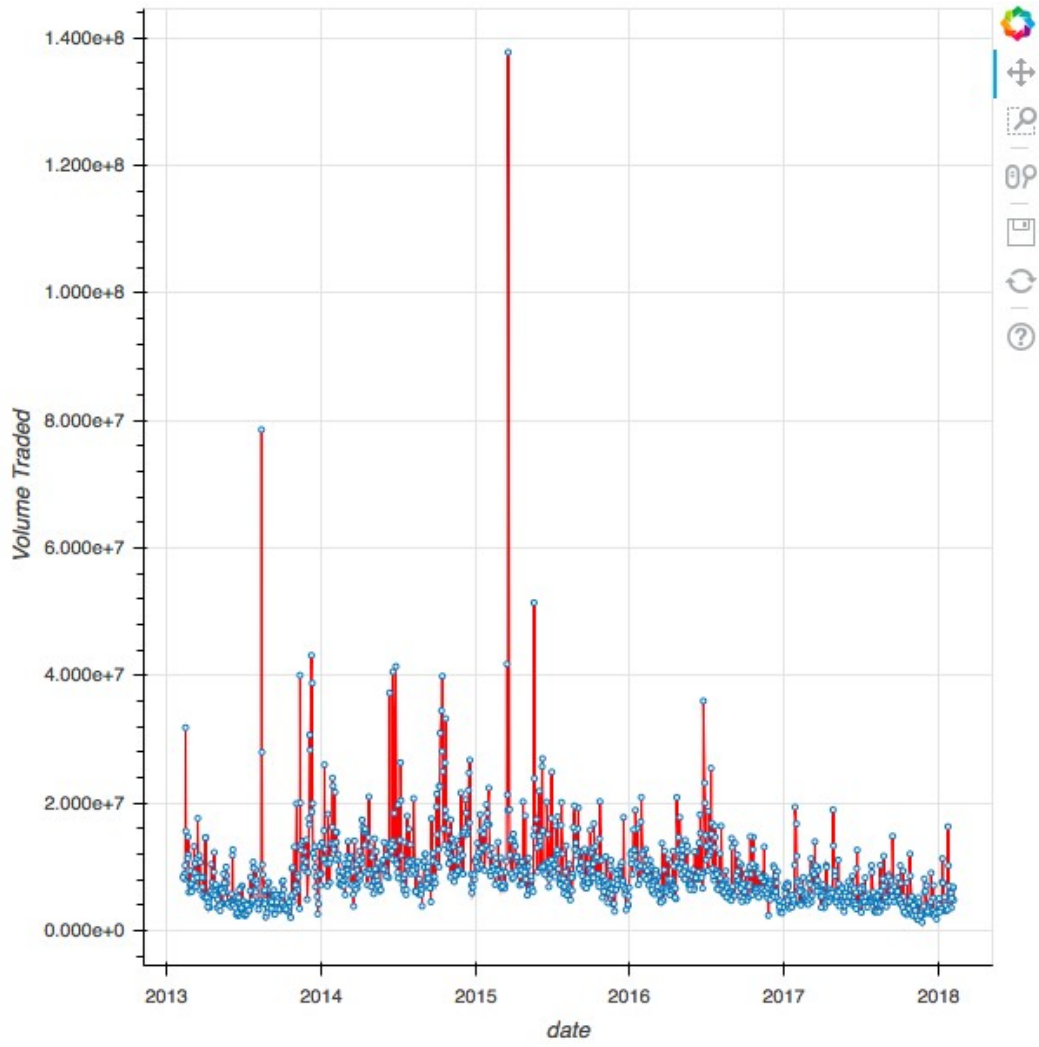


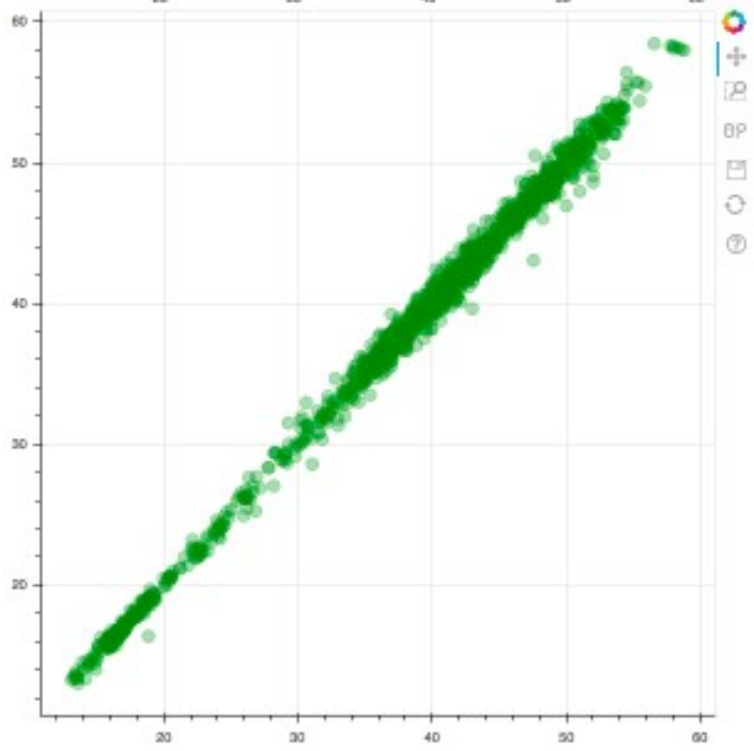
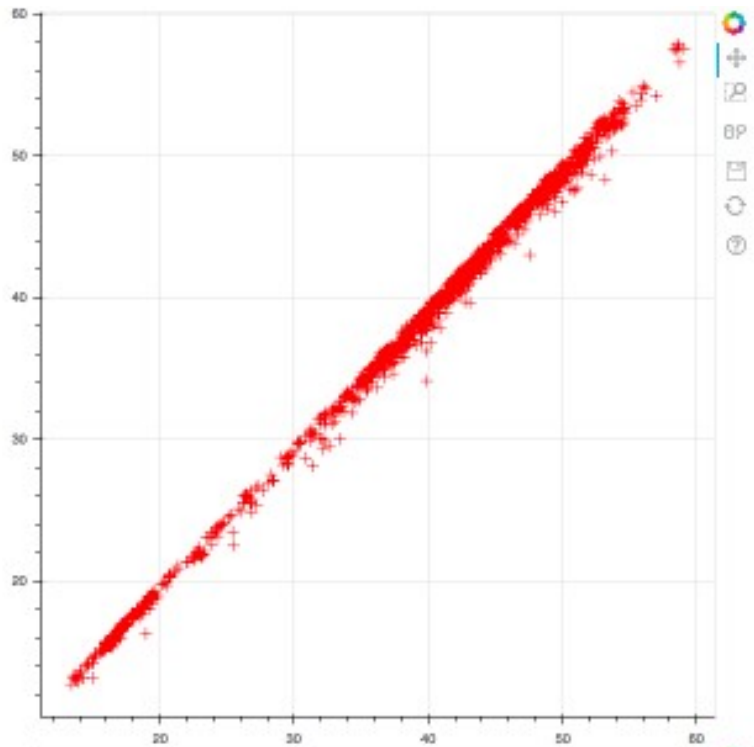


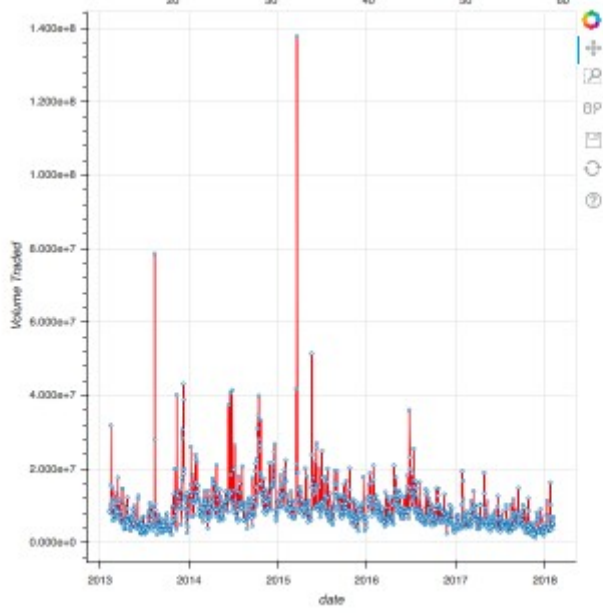
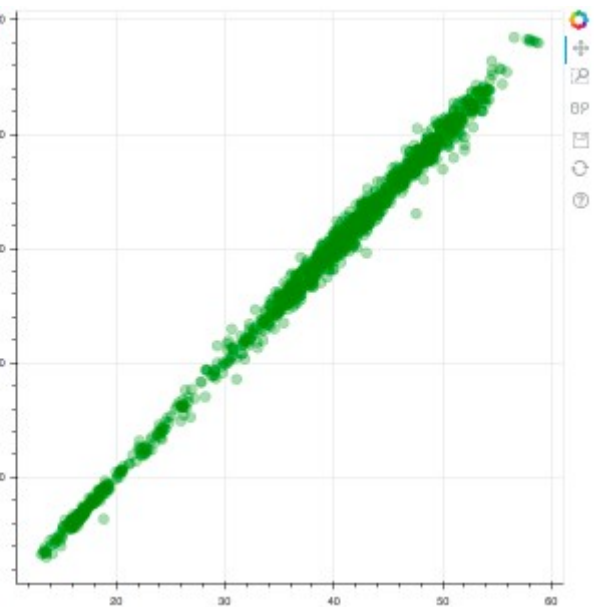
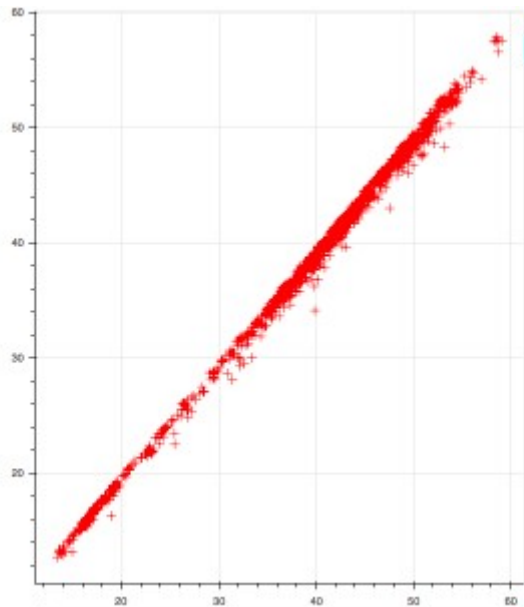
## Chapter 4: Using Layouts for Effective Presentation





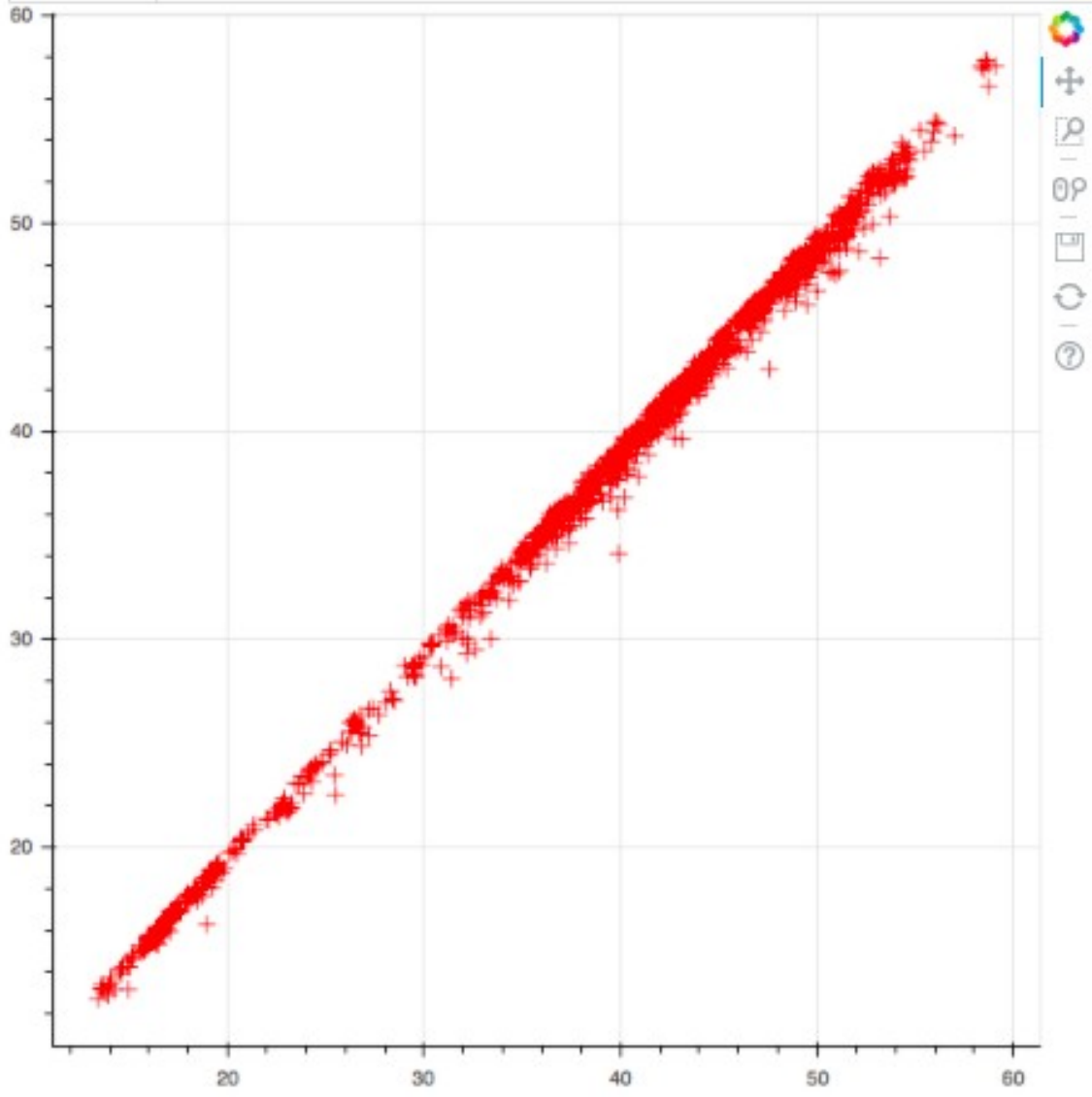






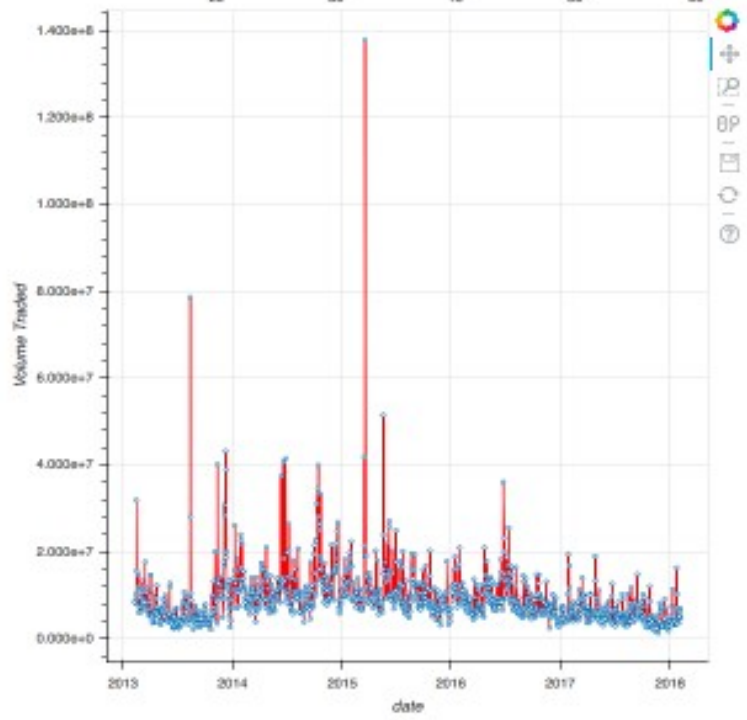
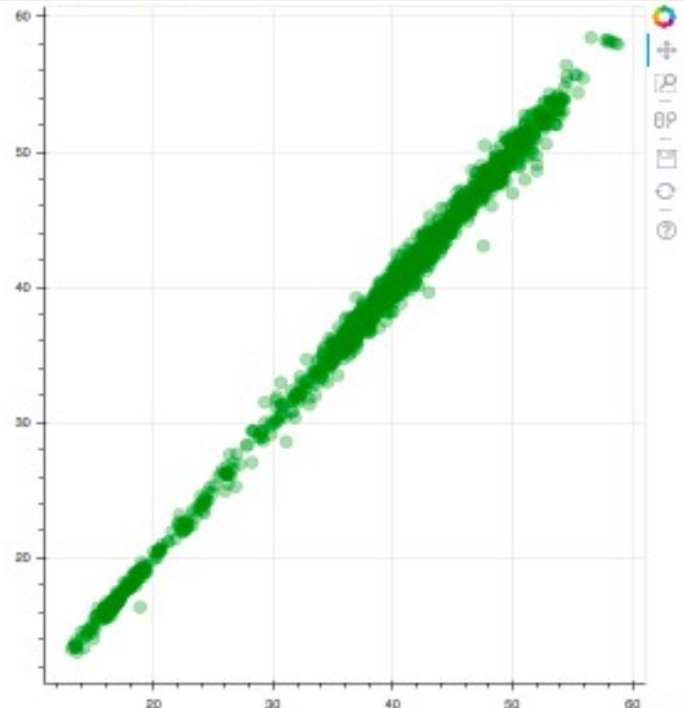
Tab One

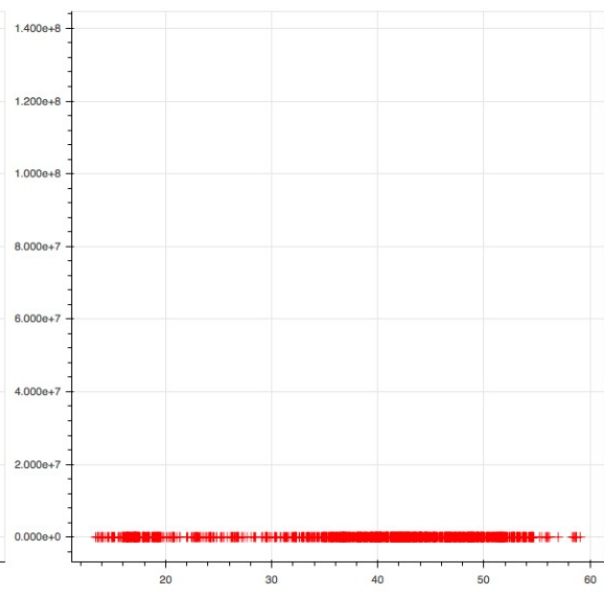
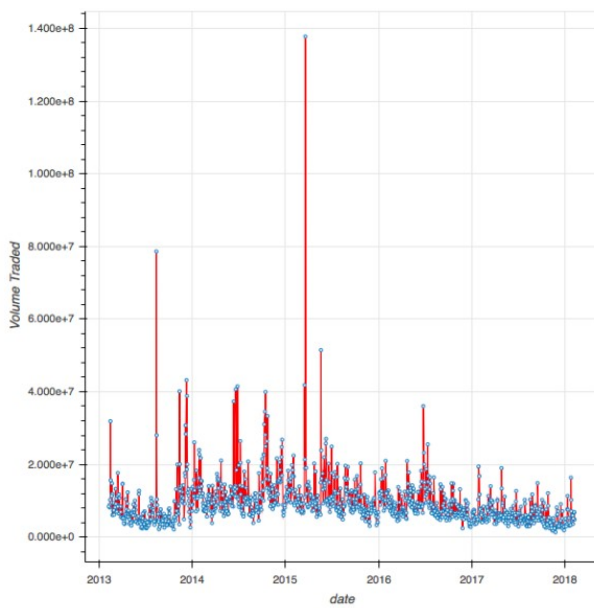
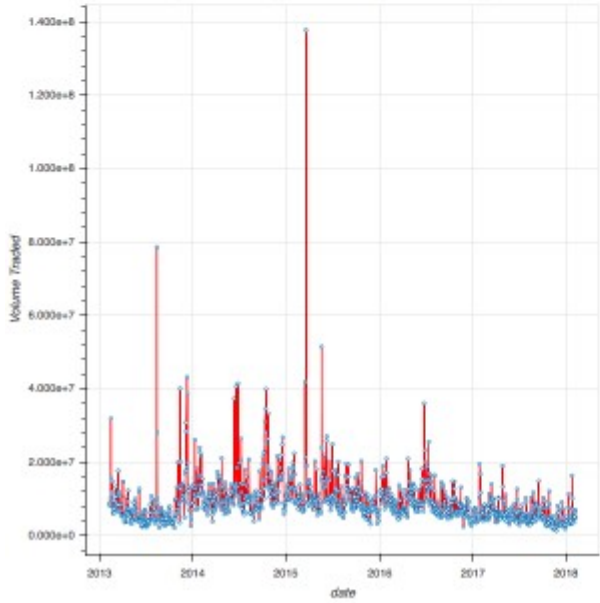
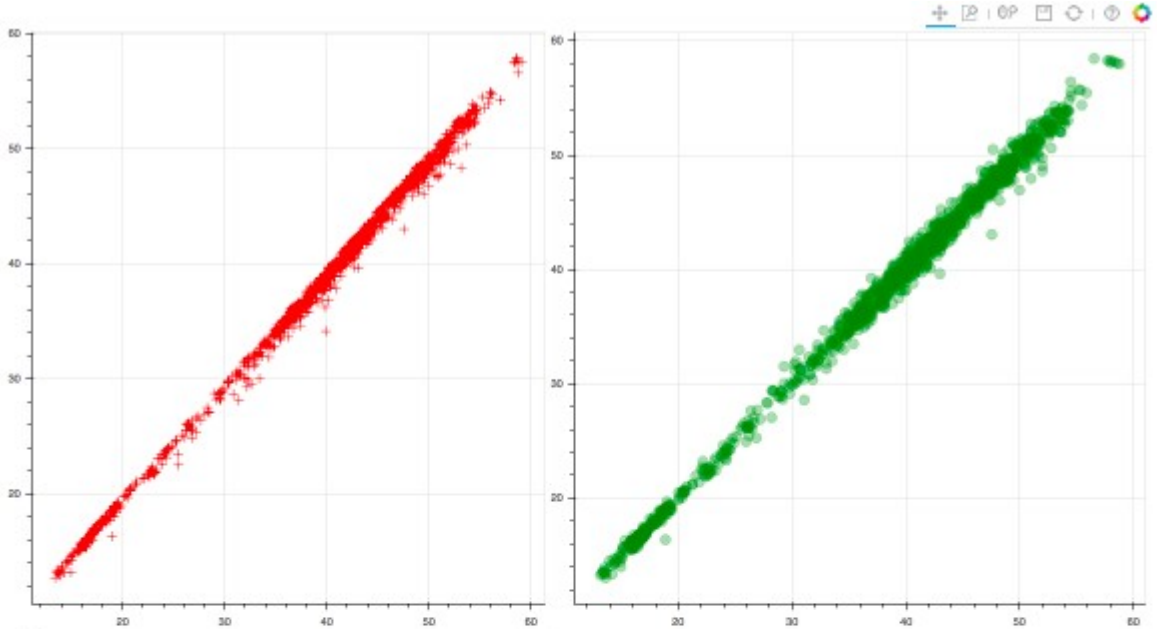
Tab Two



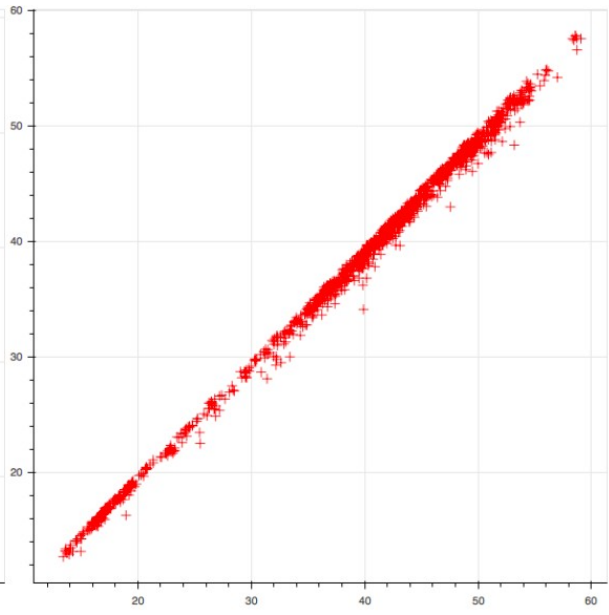
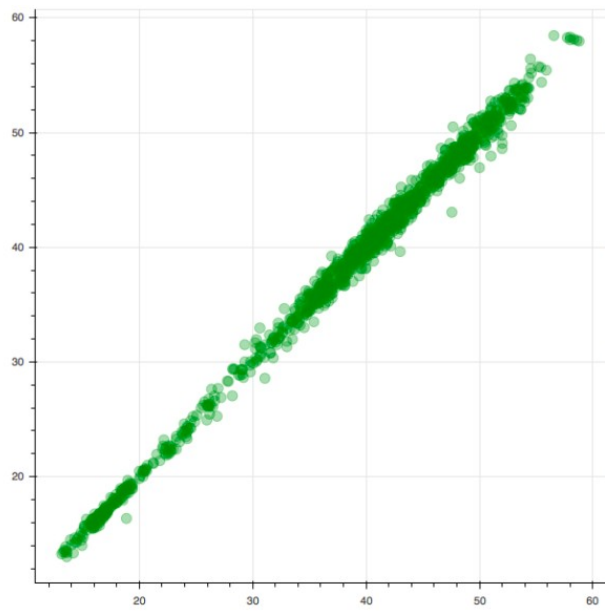
Tab One

Tab Two

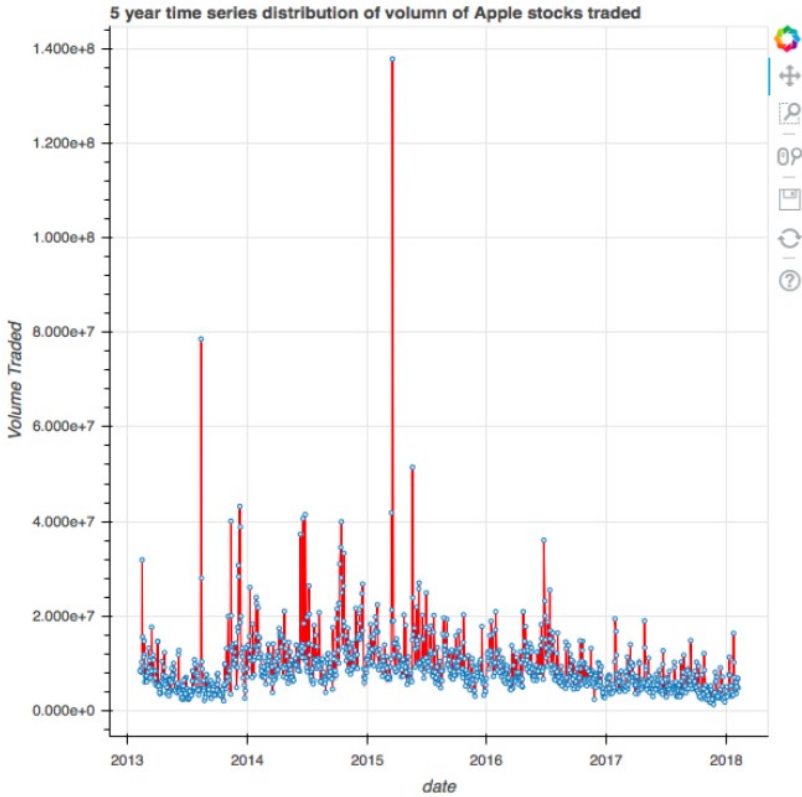


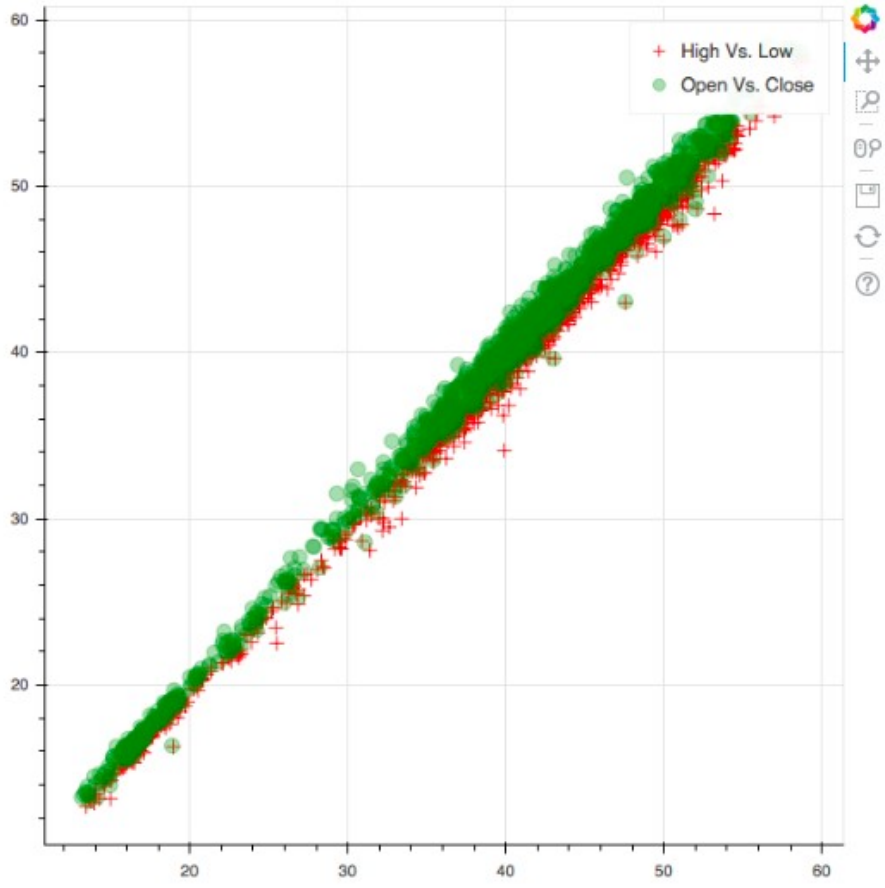


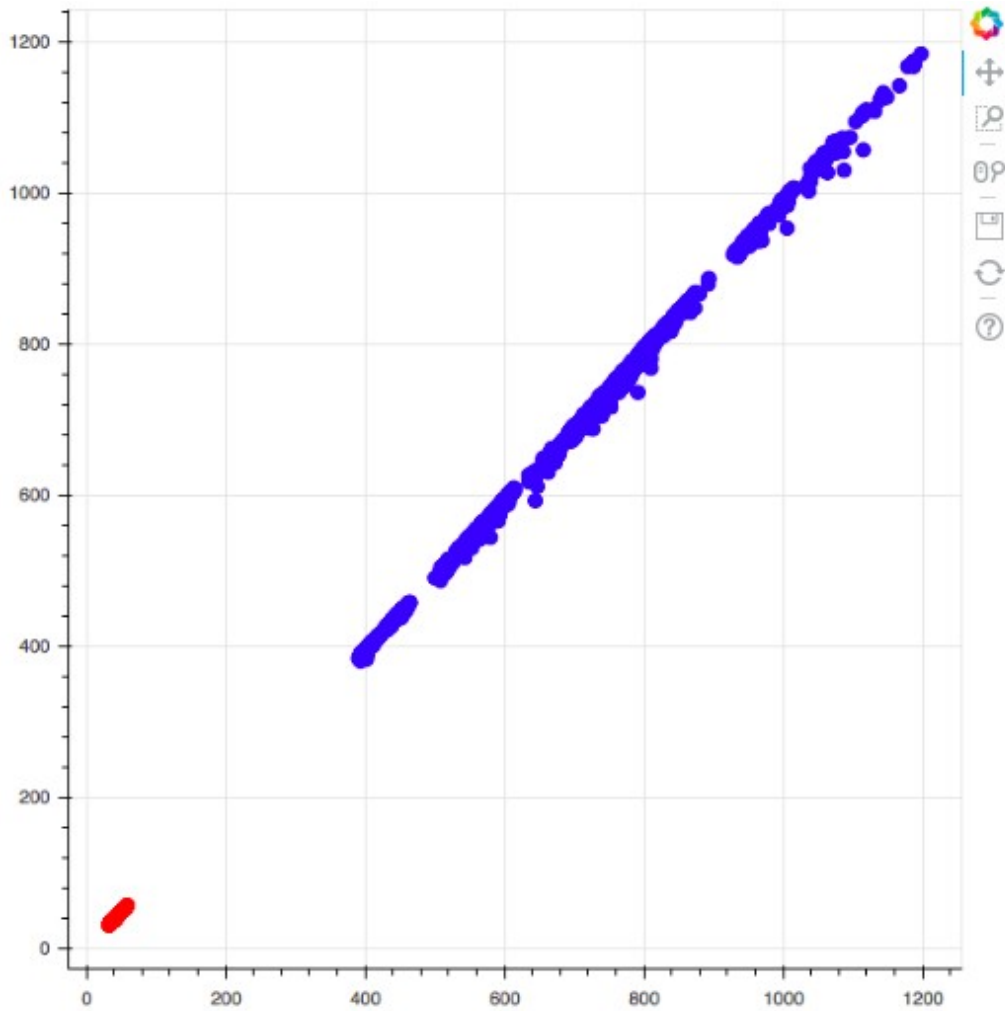




# Chapter 5: Using Annotations, Widgets, and Visual Attributes for Visual Enhancement







Click this

- box: 1
- box: 2
- box:3

Dropdown Menu ▾

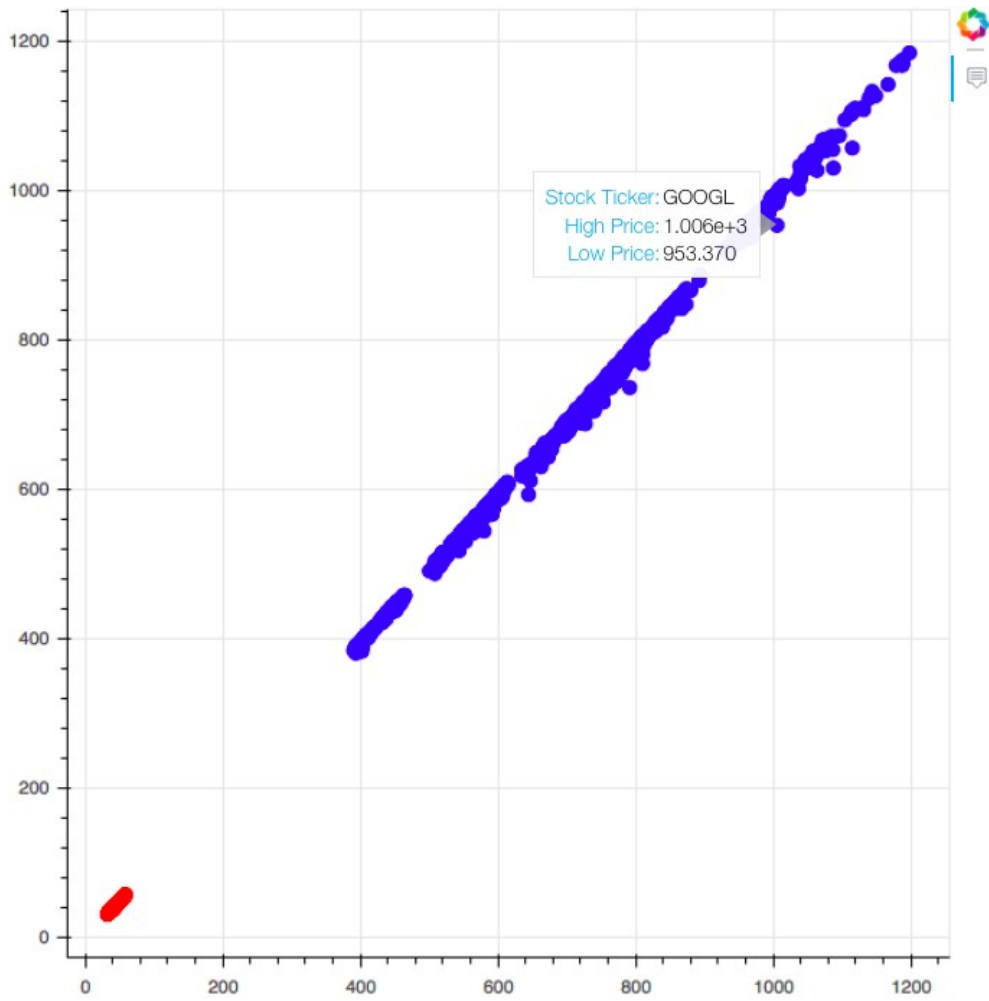
- menu option 1
- menu option 2

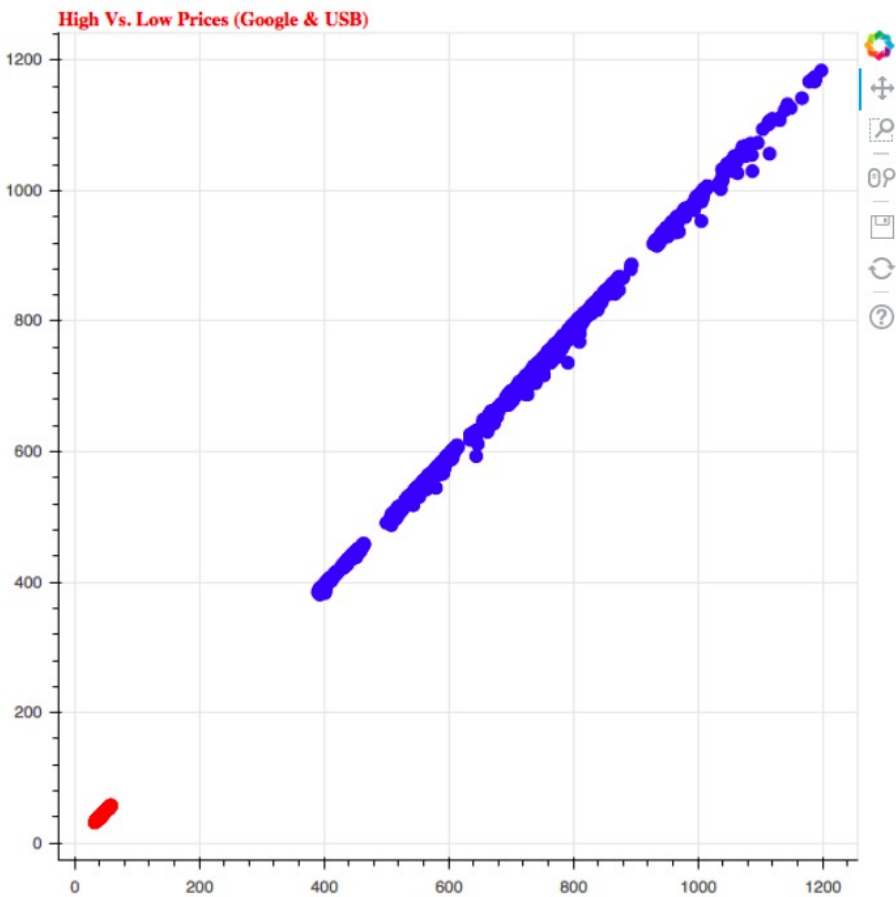
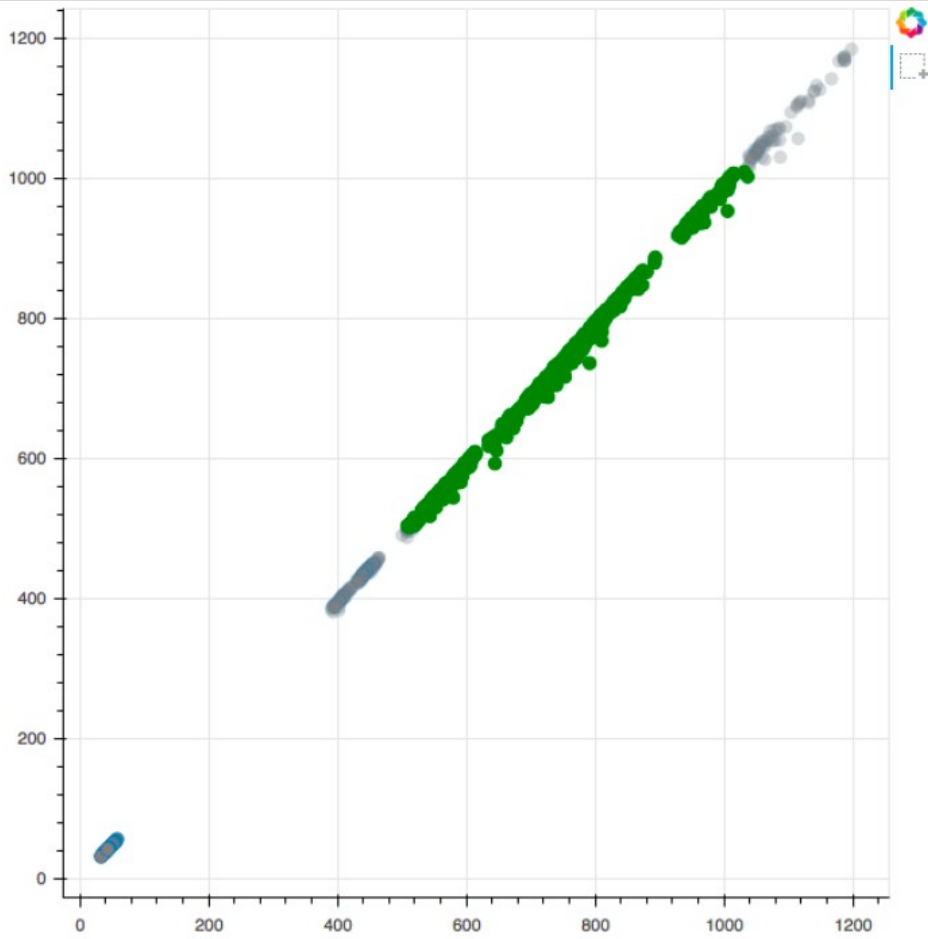
- First Radio Button
- Second Radio Button

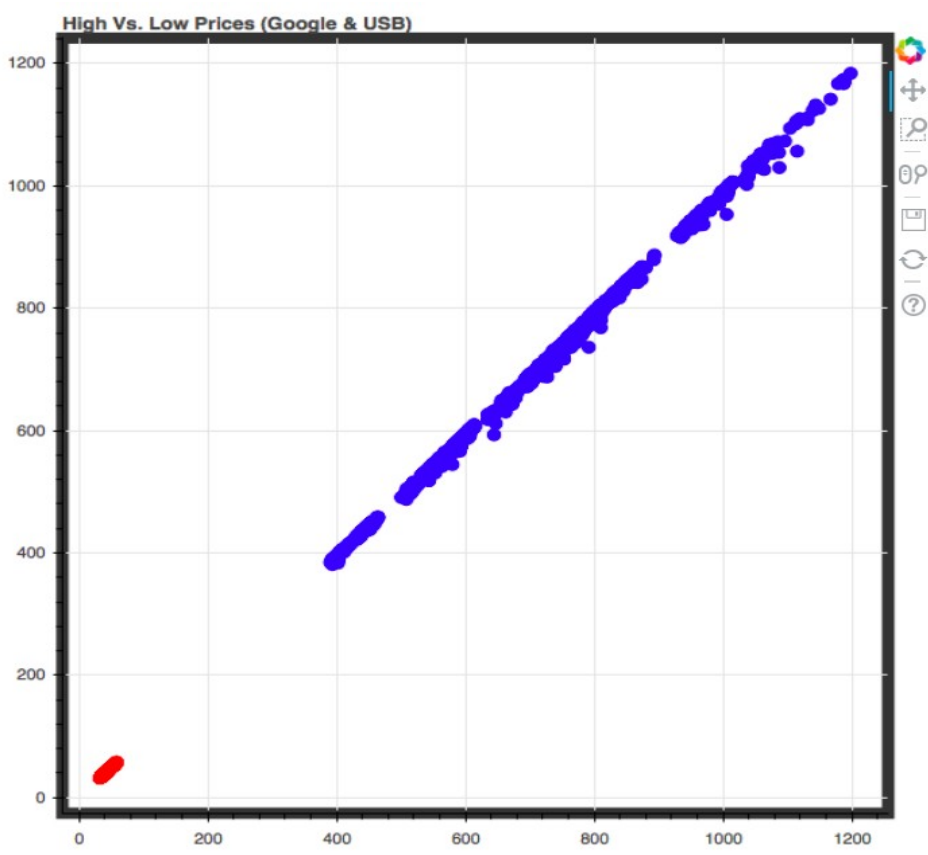
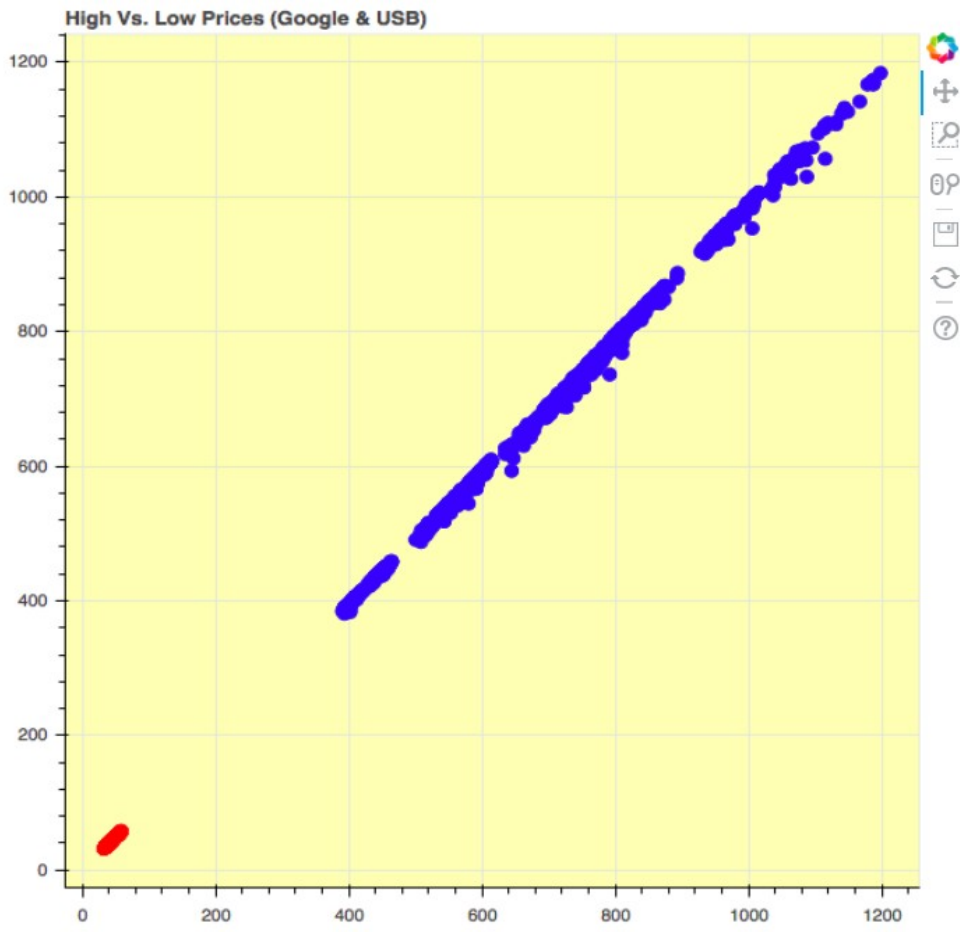
Simple Slider: 0

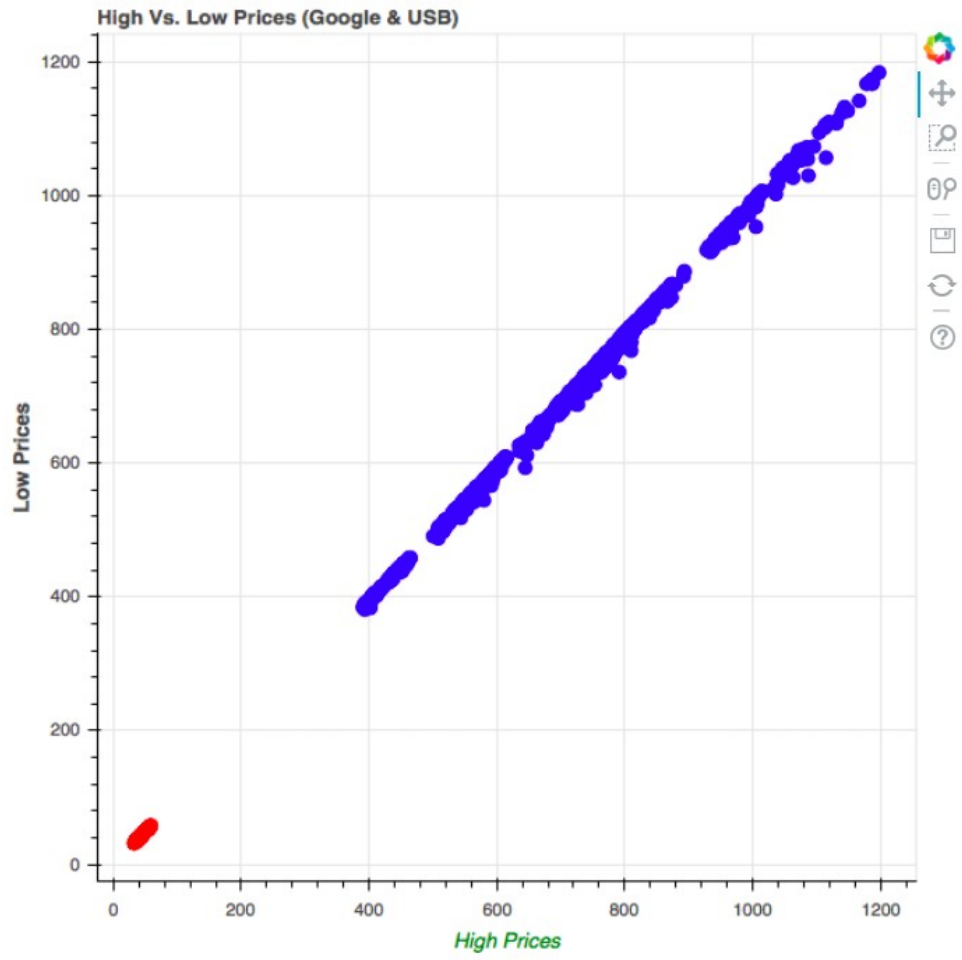


Type your text here



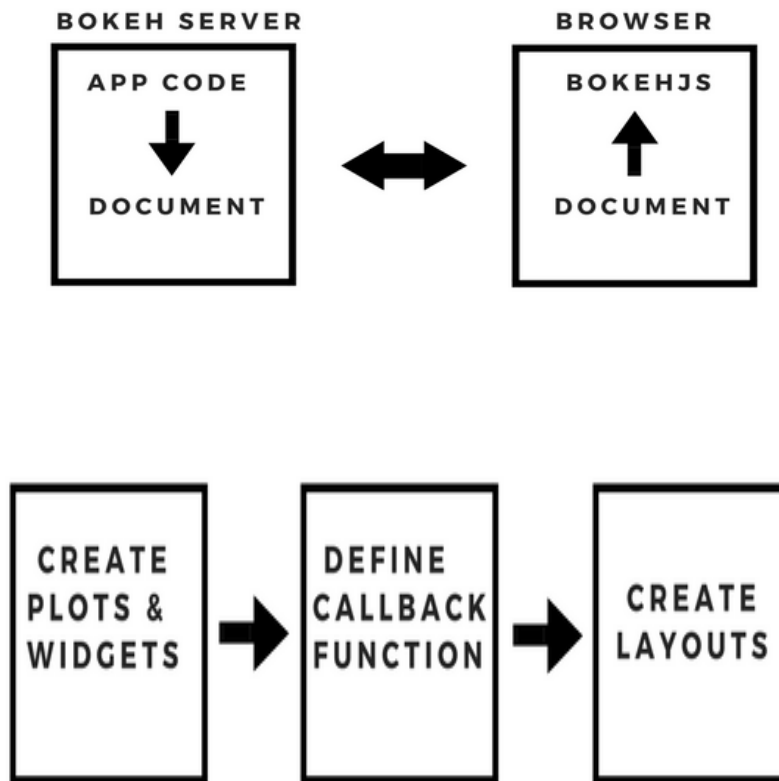








## Chapter 6: Building and Hosting Applications Using the Bokeh Server



Single Slider: NaN



Slider 1: NaN



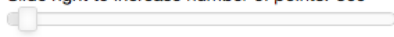
Slider 2: NaN



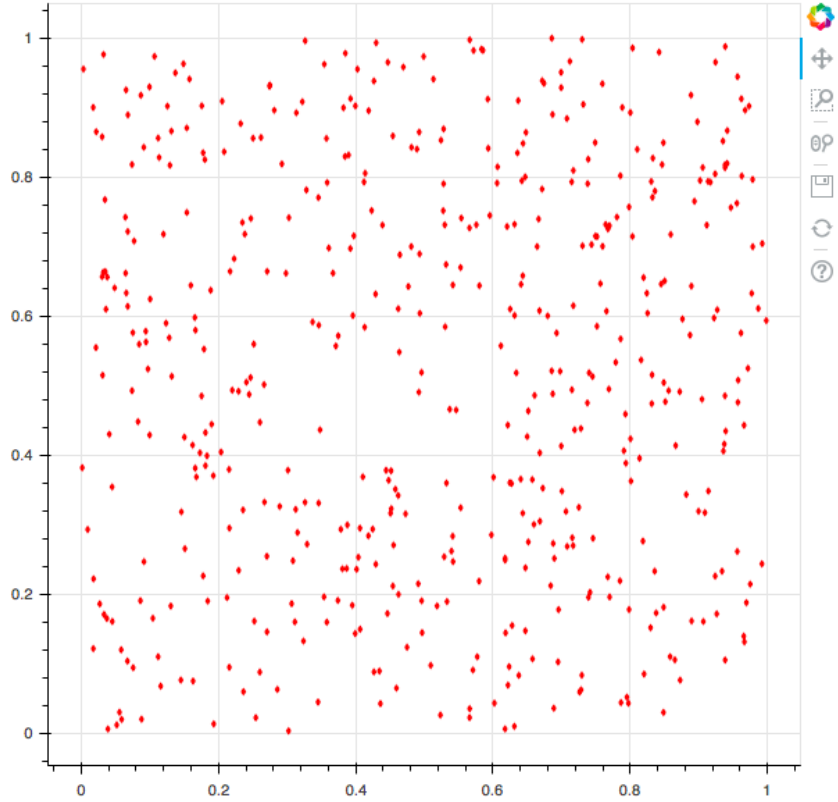
Slider 3: NaN



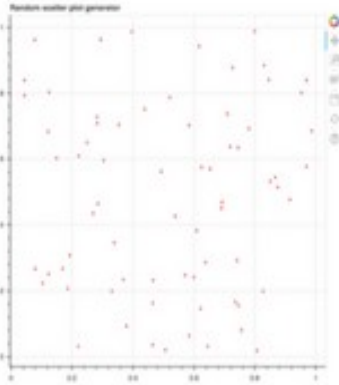
Slide right to increase number of points: 500



Random scatter plot generator

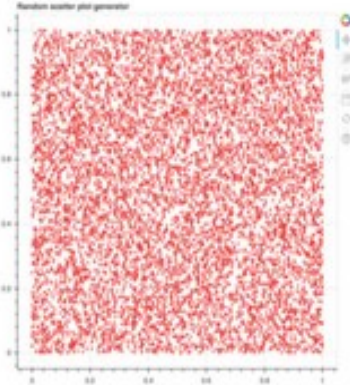


Slide right to increase number of points: 70



**SLIDER AT 70 POINTS**

Slide right to increase number of points: 9030

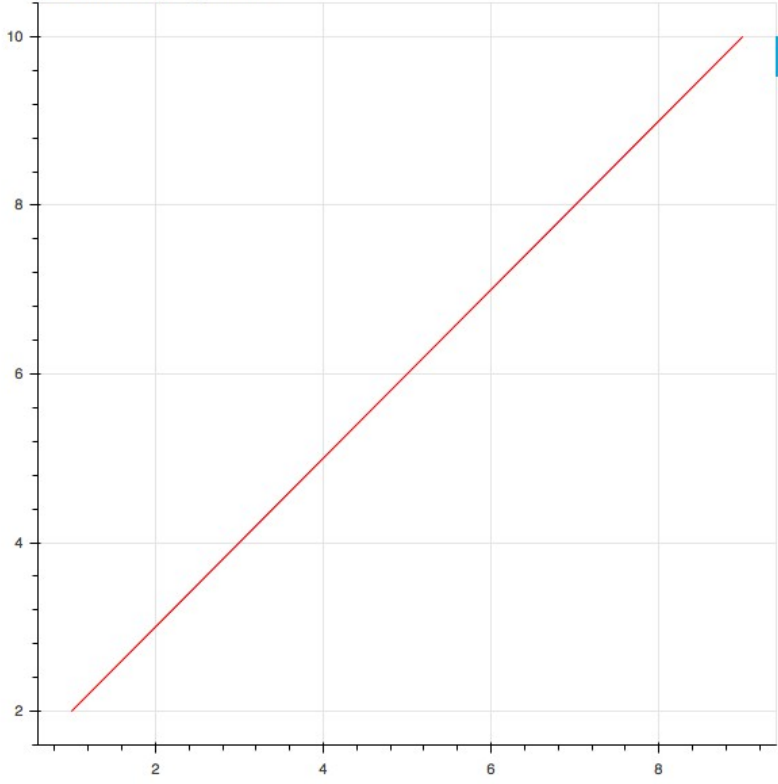


**SLIDER AT 9030 POINTS**

10



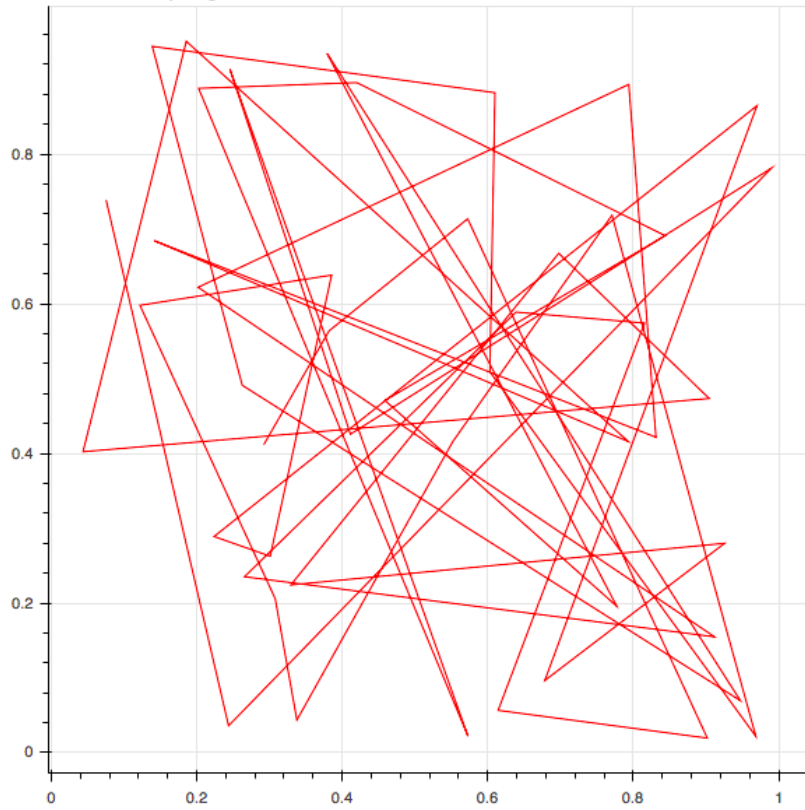
Random Line plot generator



48



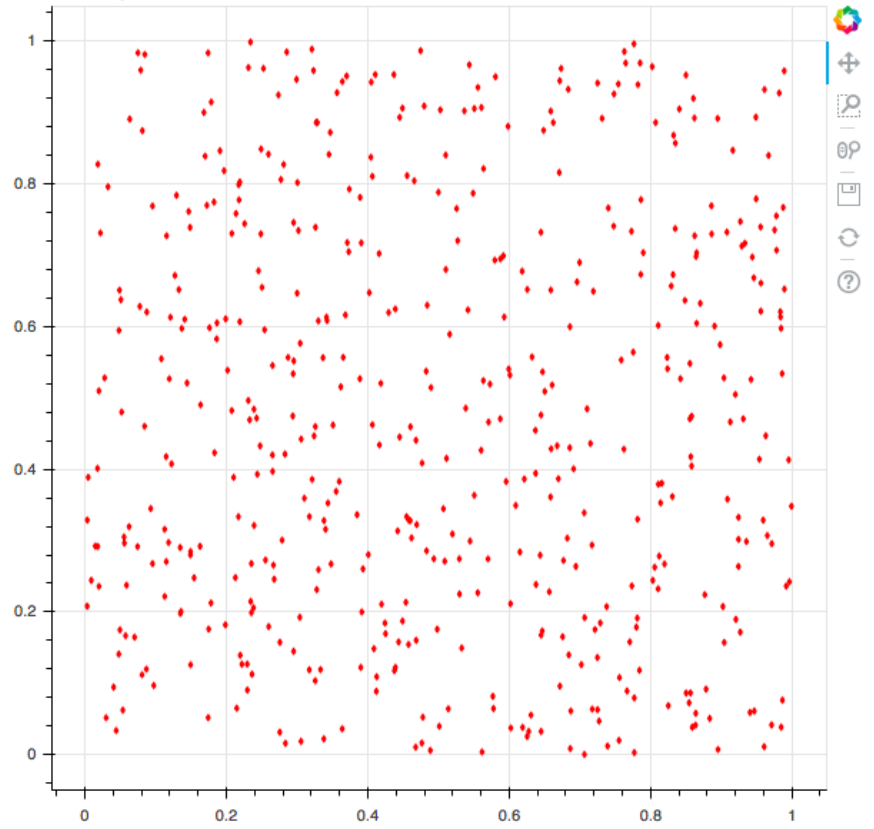
Random Line plot generator



Select the distribution of your choice

uniform distribution

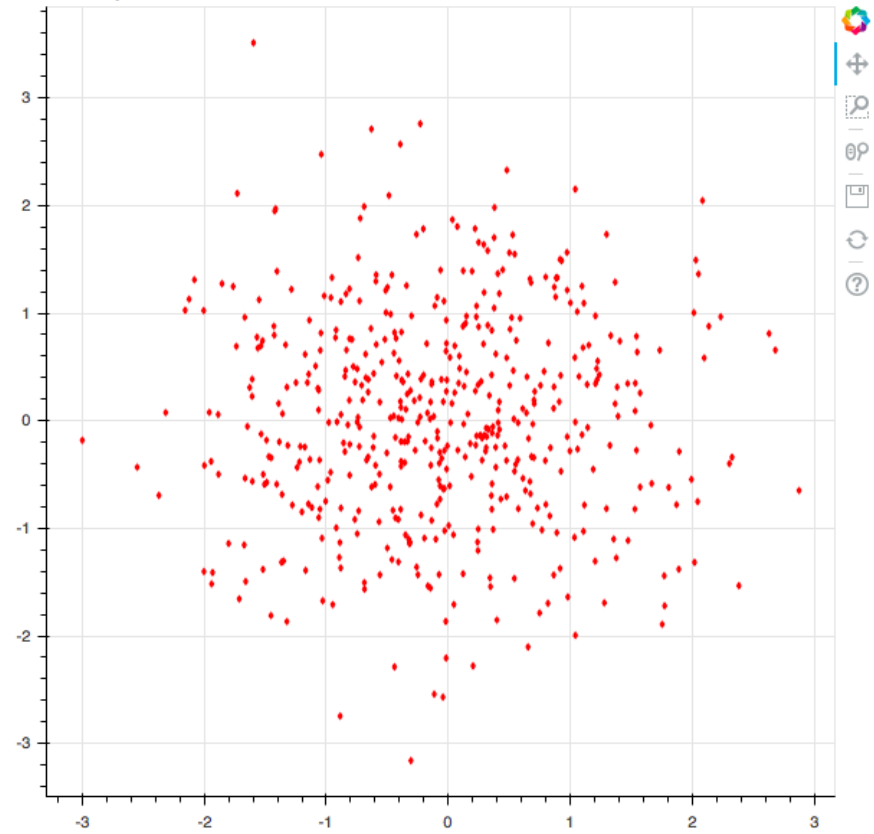
Scatter plot distribution selector



Select the distribution of your choice

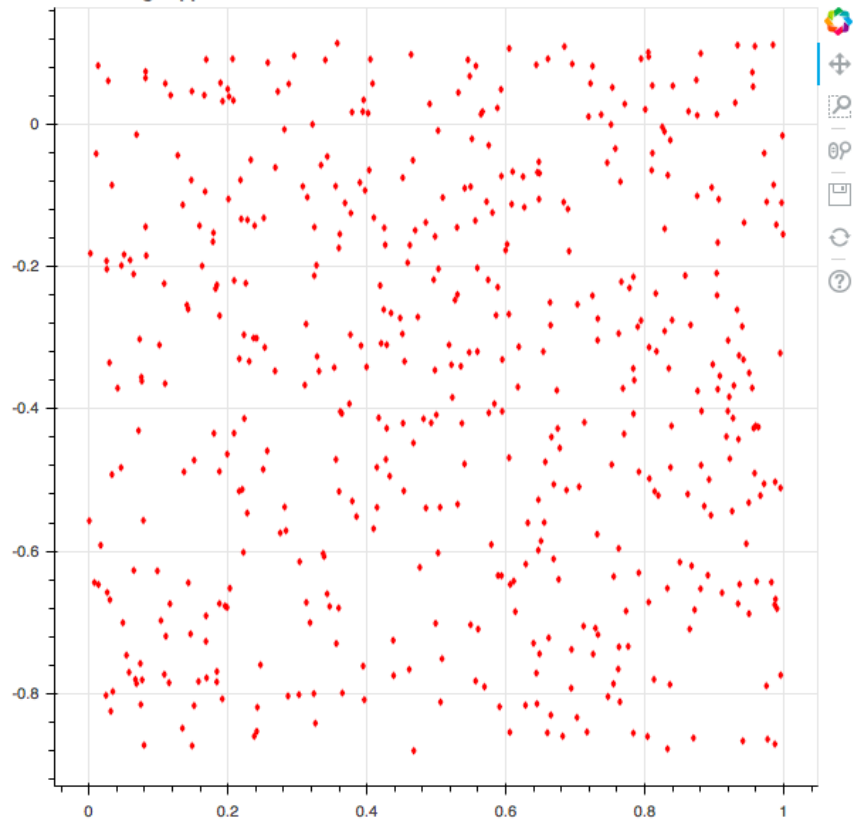
normal distribution

Scatter plot distribution selector



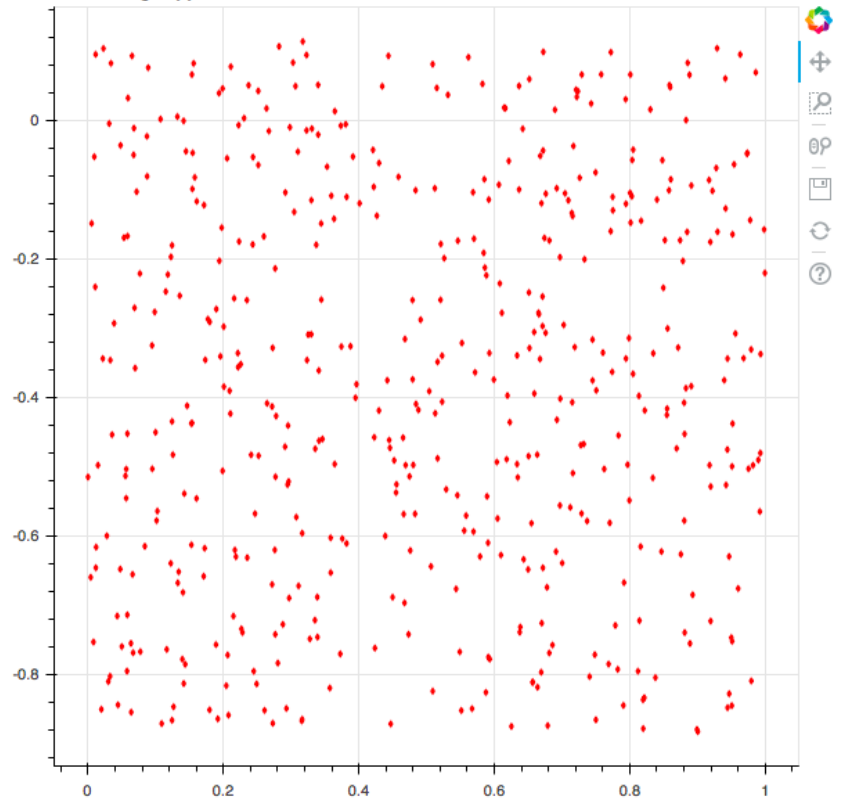
Change Data

Data change application



Change Data

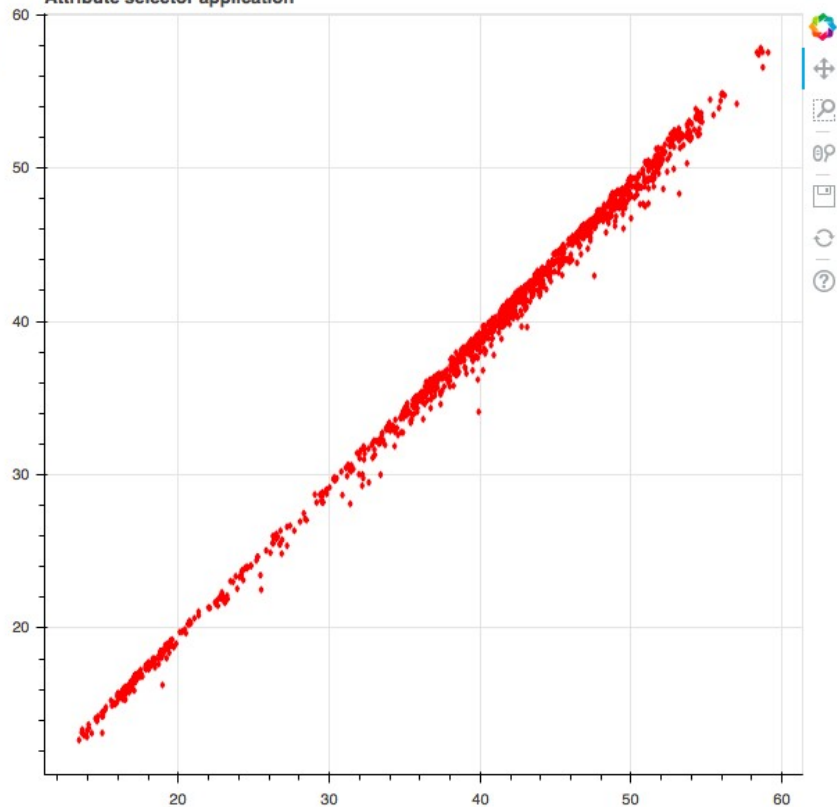
Data change application



Select a new y axis attribute

low

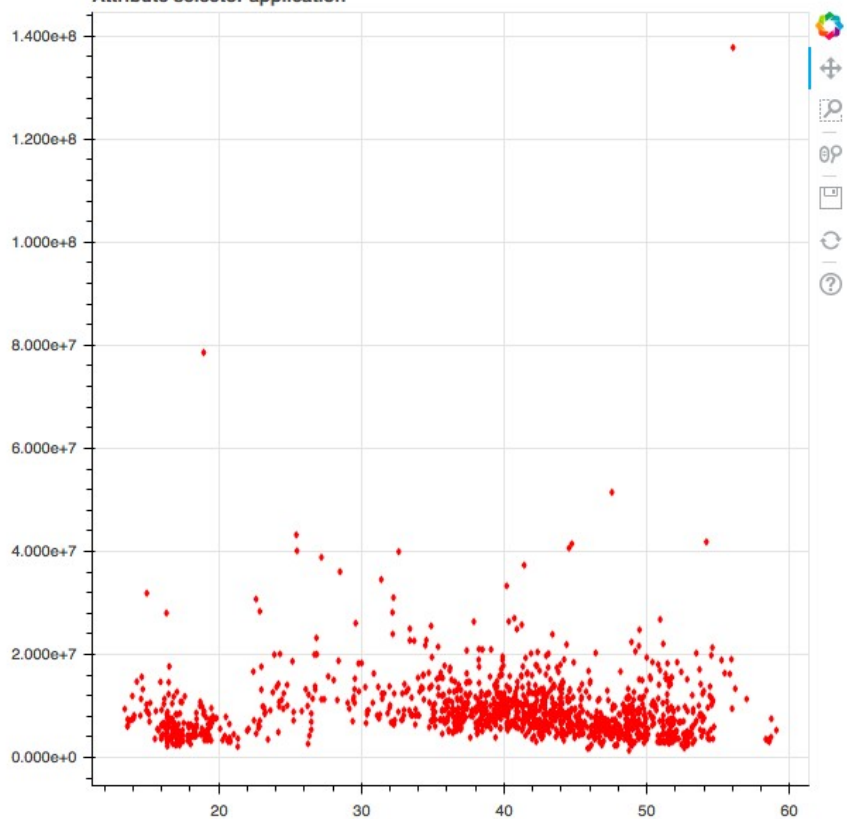
Attribute selector application



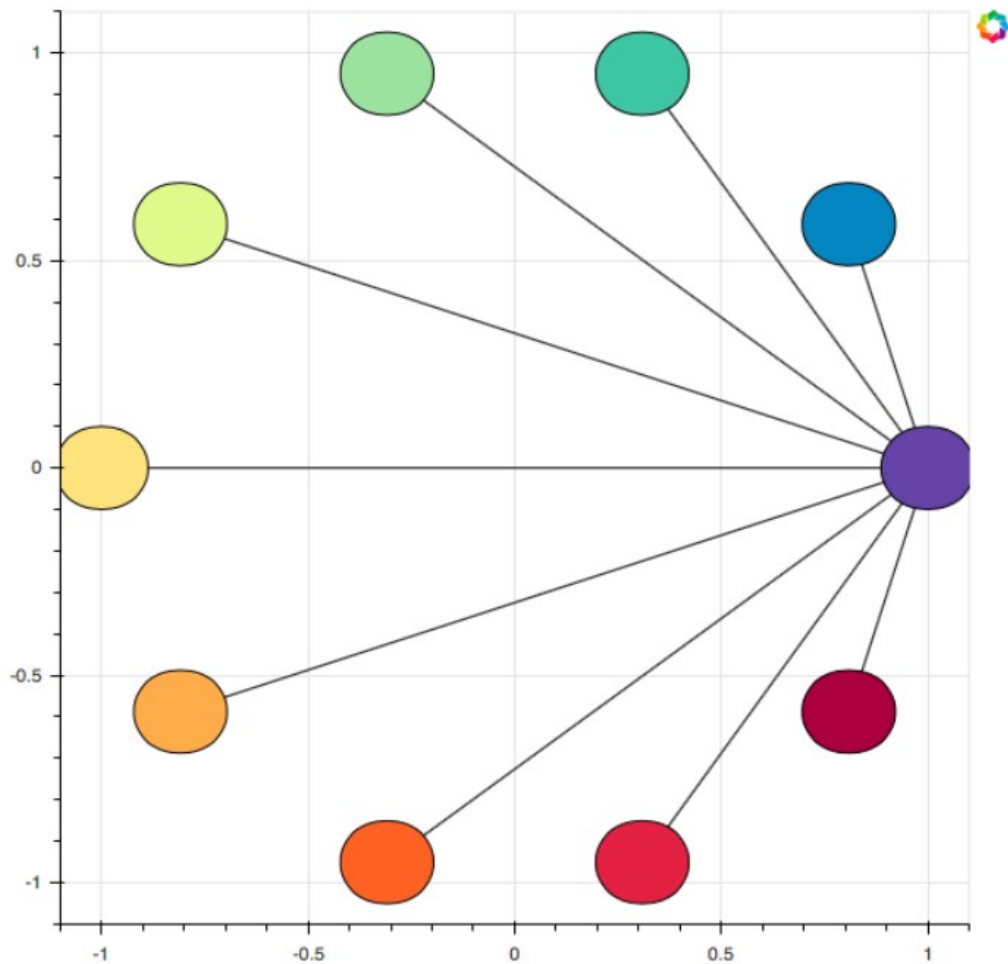
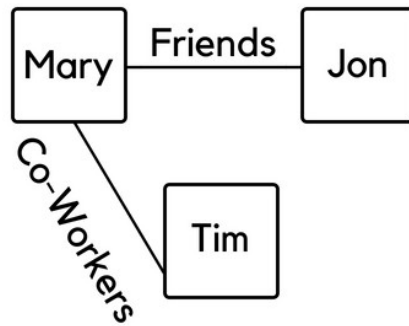
Select a new y axis attribute

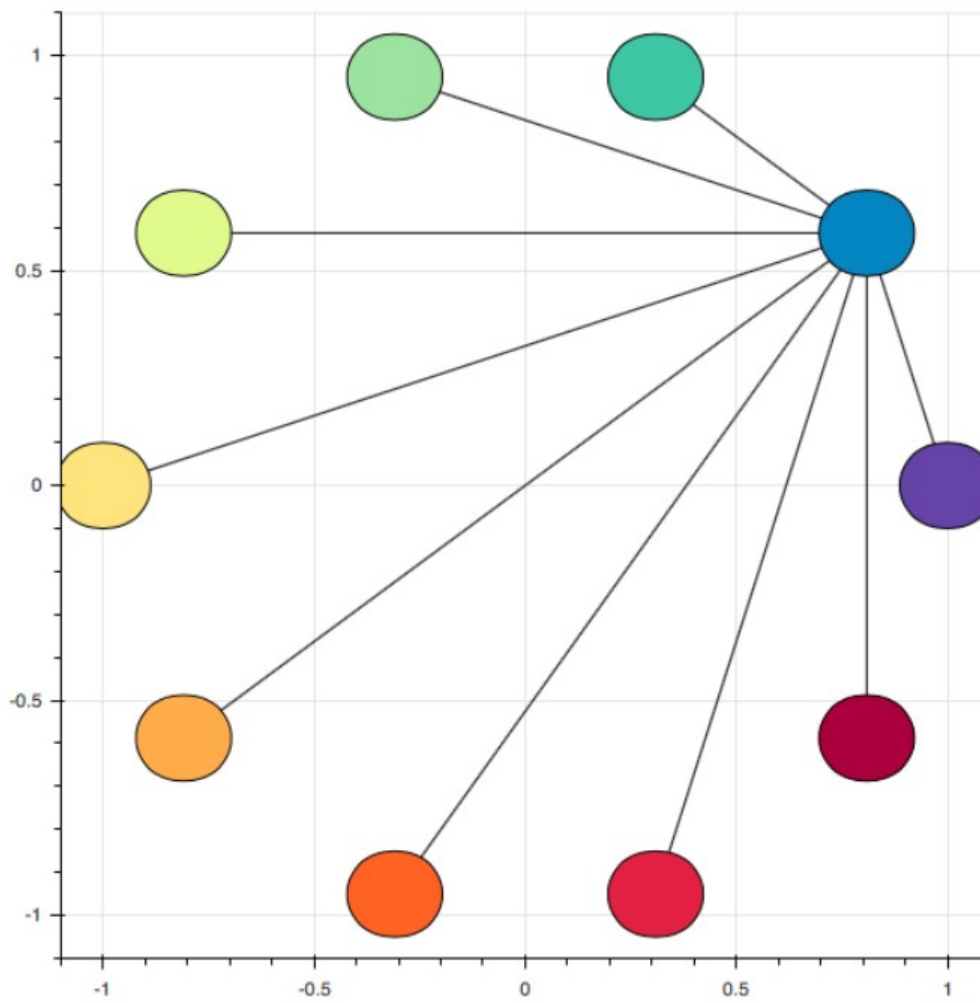
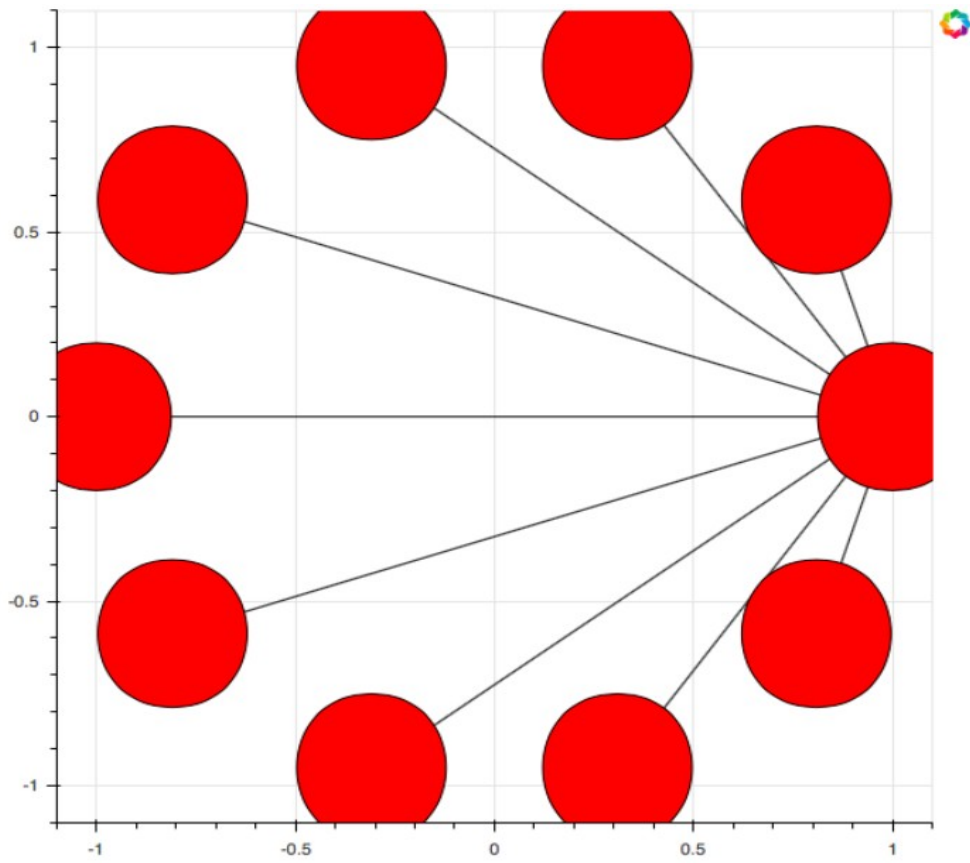
volume

Attribute selector application

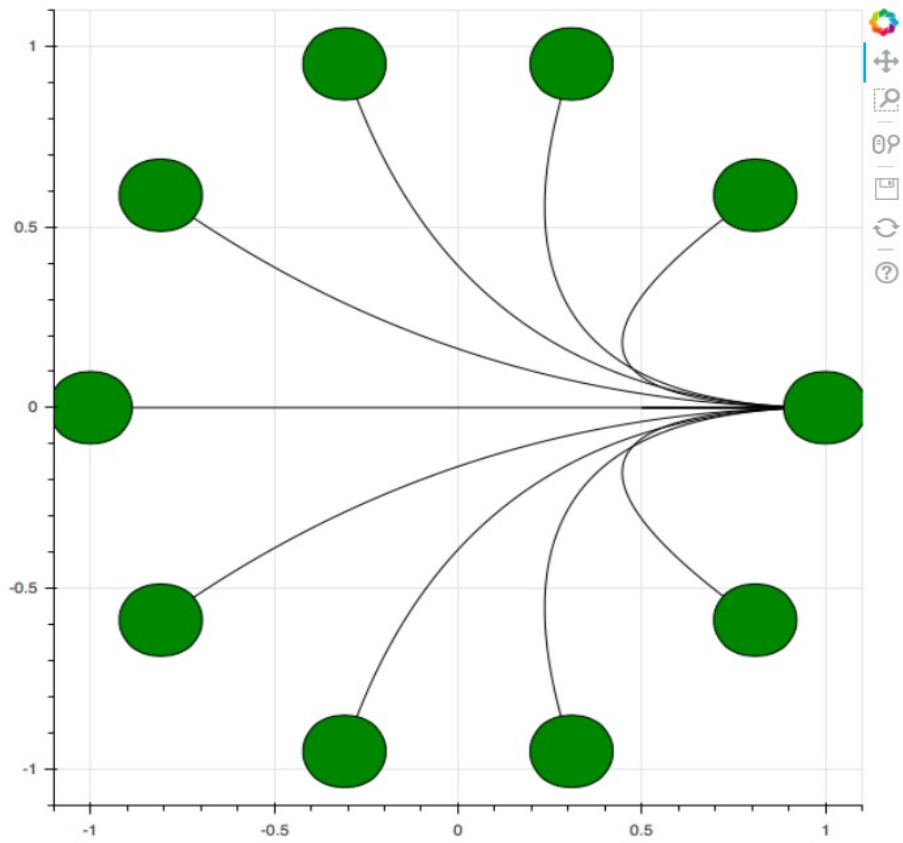
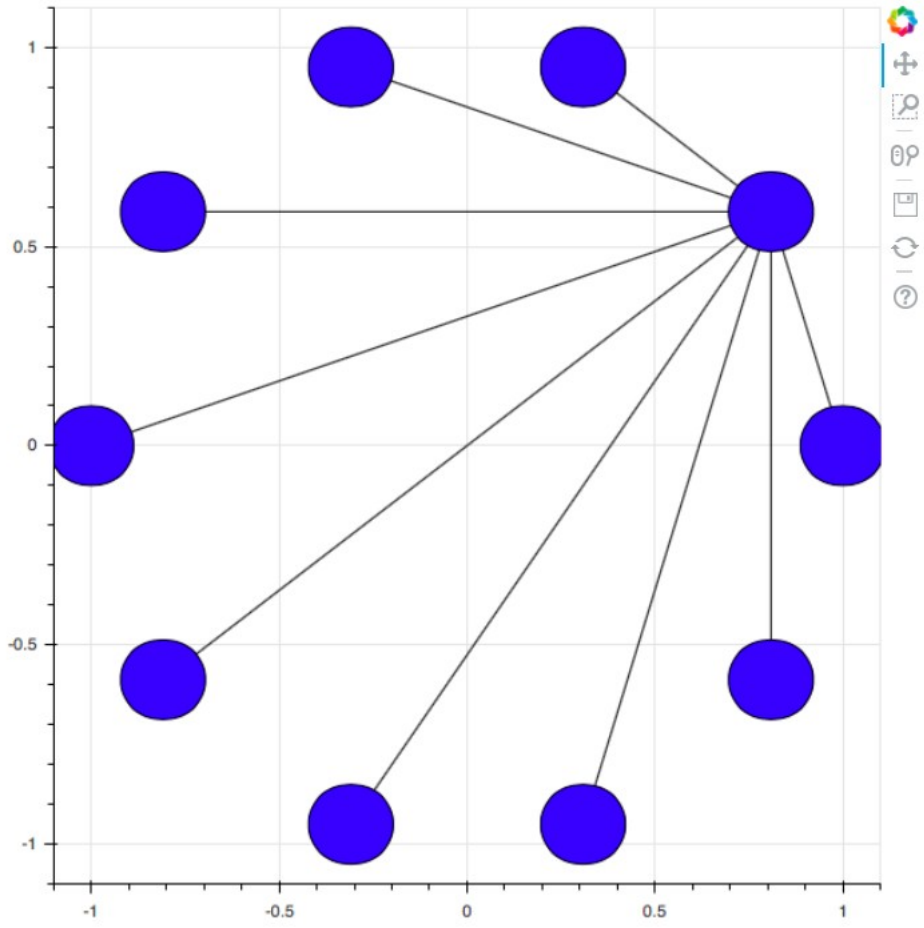


## Chapter 6: Advanced Plotting with Networks, Geo Data, WebGL, and Exporting Plots

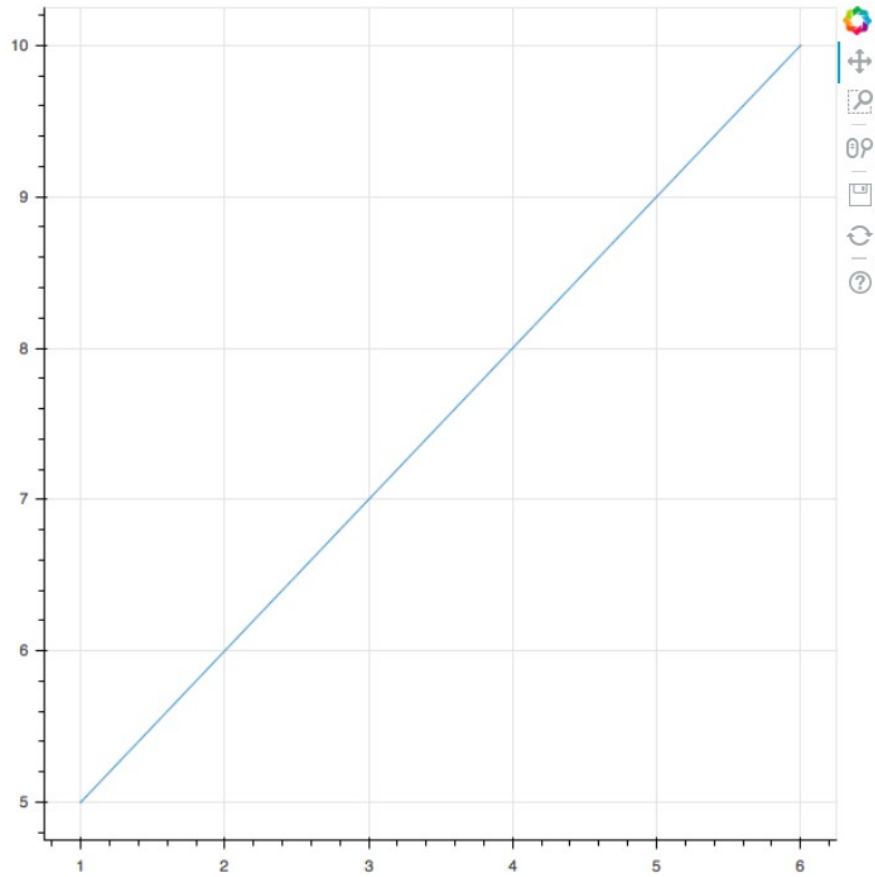
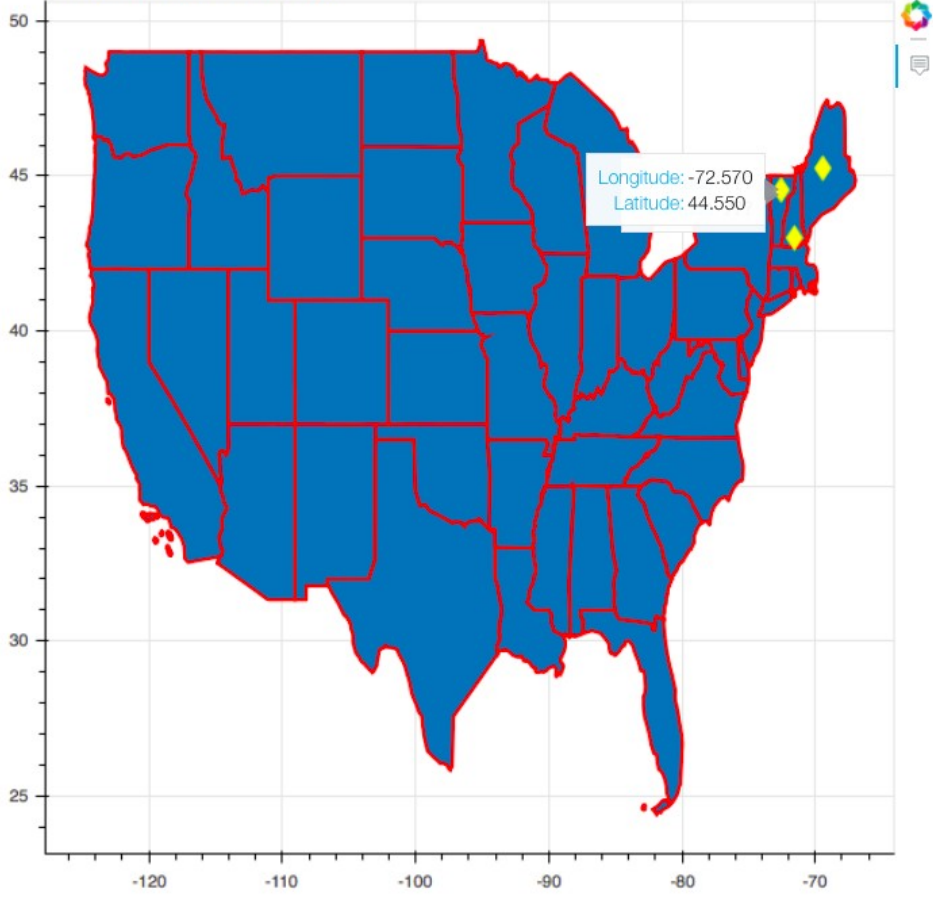


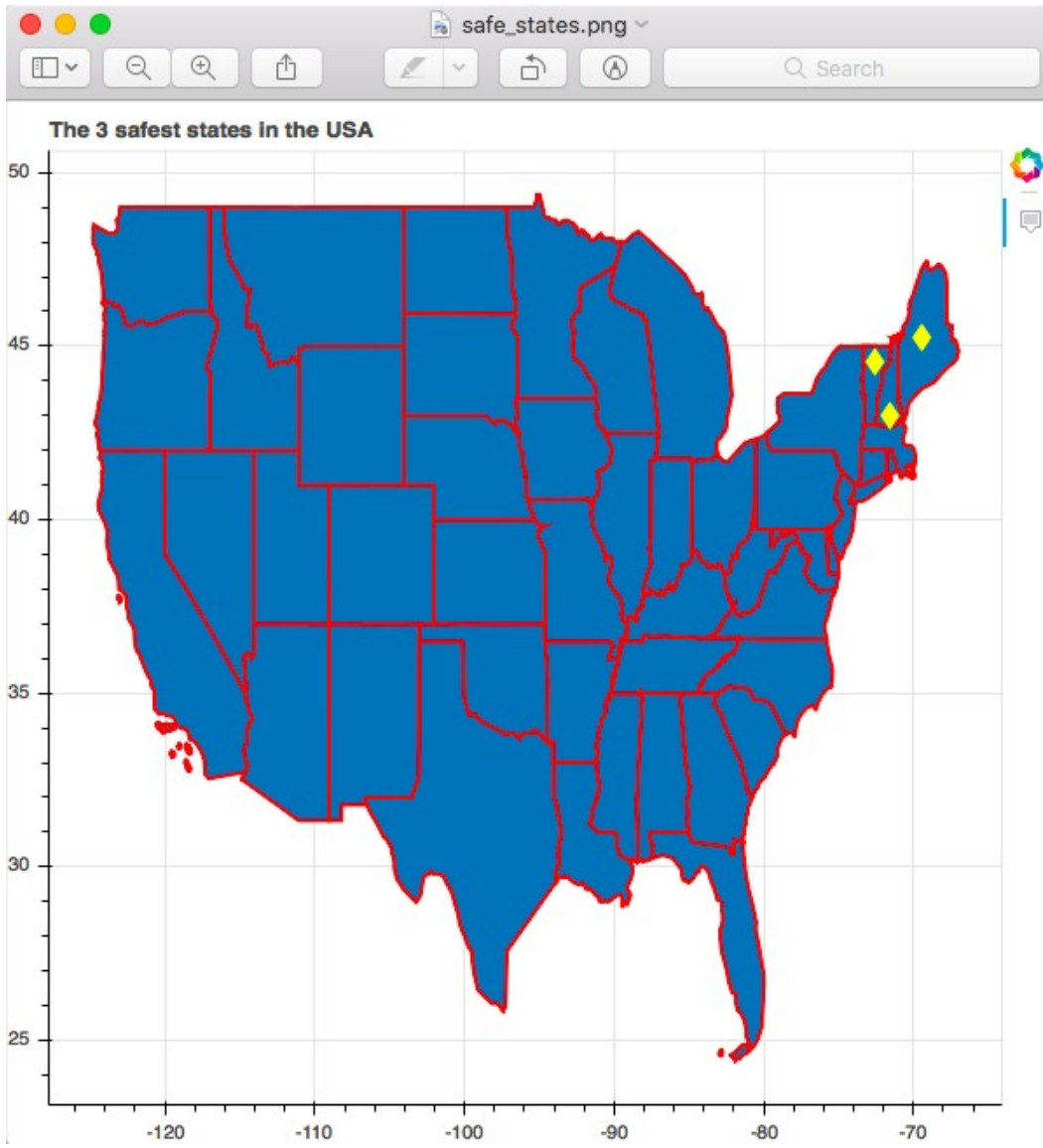




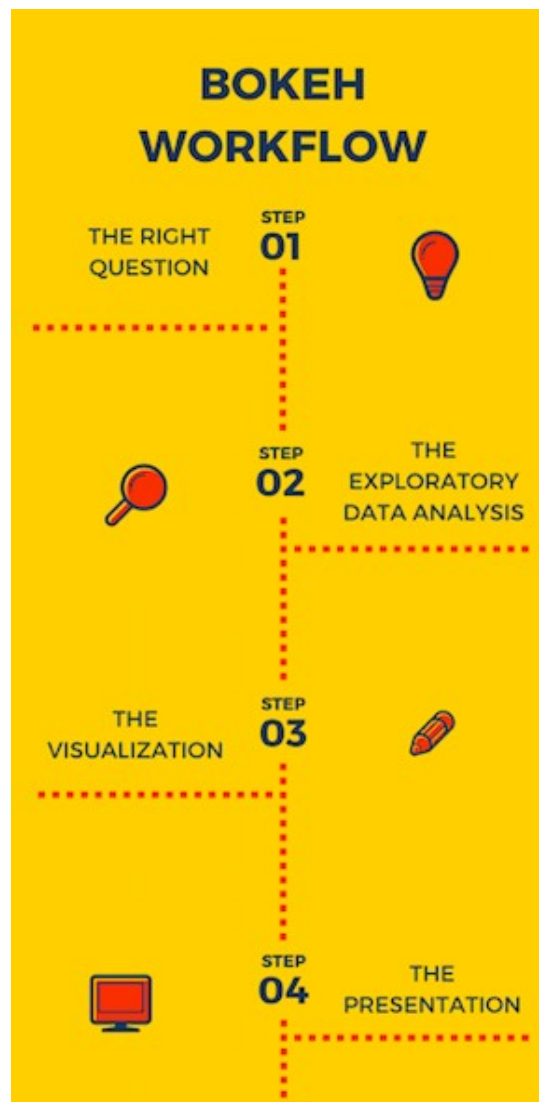


The 3 safest states in the USA





## Chapter 8: The Bokeh Workflow - A Case Study



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Data columns (total 7 columns):  
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open      619029 non-null float64  
high      619032 non-null float64  
low       619032 non-null float64  
close     619040 non-null float64  
volume    619040 non-null int64  
Name      619040 non-null object  
dtypes: float64(4), int64(1), object(2)  
memory usage: 33.1+ MB
```

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1	2013-02-11	14.89	15.01	14.26	14.46	8882000	AAL
2	2013-02-12	14.45	14.51	14.10	14.27	8126000	AAL
3	2013-02-13	14.30	14.94	14.25	14.66	10259500	AAL
4	2013-02-14	14.94	14.96	13.16	13.99	31879900	AAL

DHR 1243  
 IQV 1197  
 COTY 1173  
 FOX 1169  
 NWSA 1169  
 FOXA 1169  
 NWS 1169  
 ALLE 1063  
 GOOG 975  
 NAVI 960  
 INFO 917  
 SYF 888  
 CFG 850  
 QRVO 781  
 WRK 662  
 PYPL 655  
 KHC 655  
 HPE 581  
 HPQ 581  
 CSRA 561  
 WLTW 528  
 UA 464  
 FTV 404  
 EVHC 297  
 HLT 276  
 DXC 215  
 BHGE 152  
 BHF 143  
 DWDP 109  
 APTV 44

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