

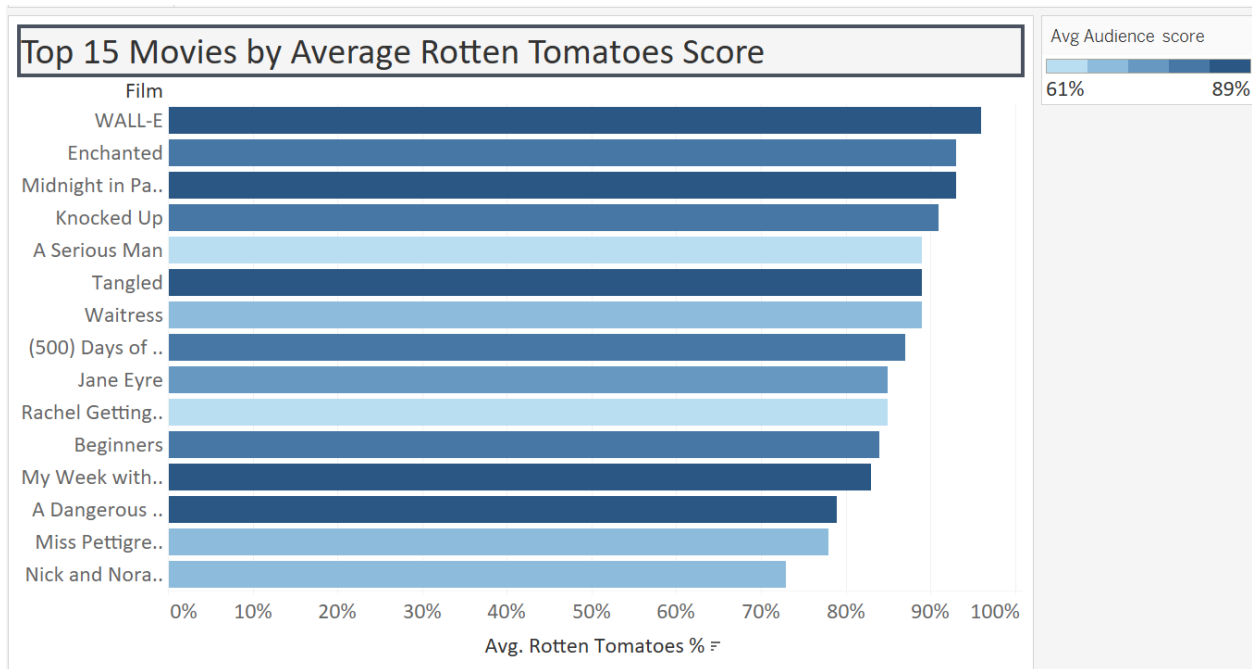
**Kulkarni, Rasika**

**ACCT/MIS 6309 Business Data Warehousing**

**Lab # 1**

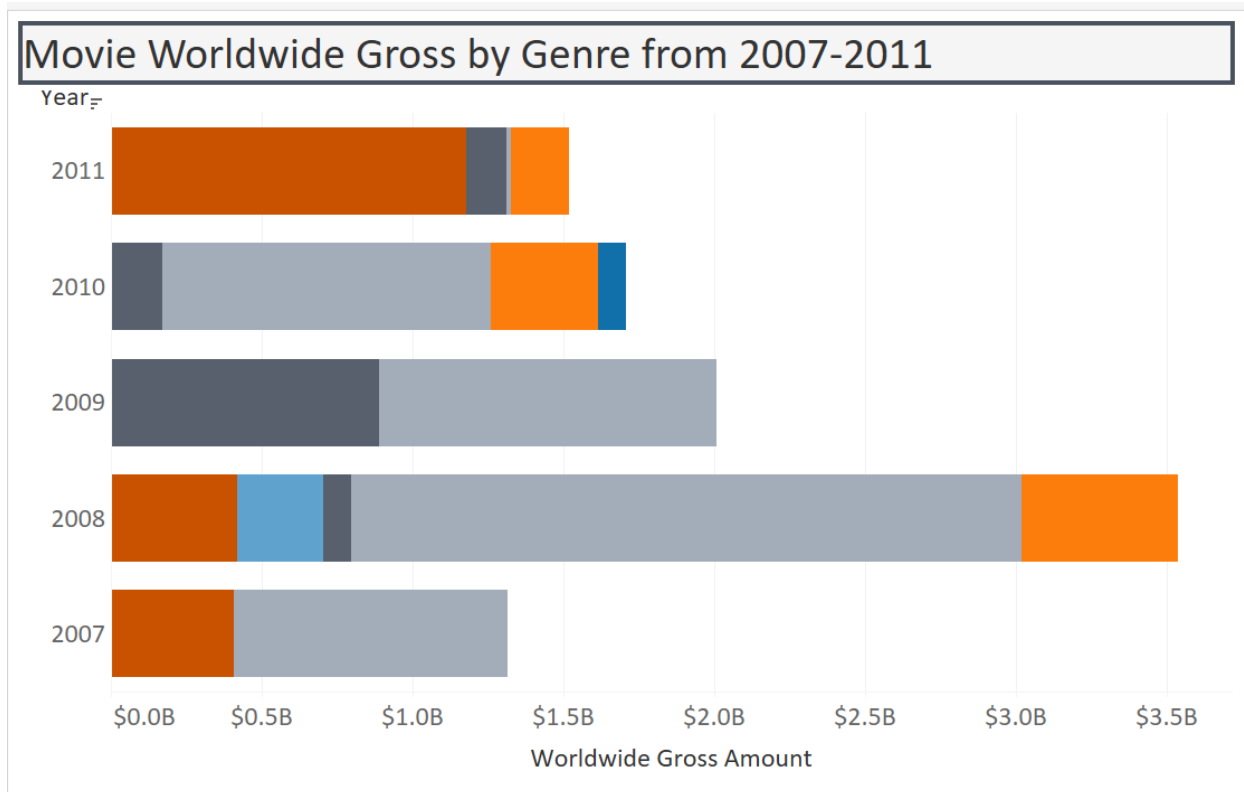
## Chapter.1.-. Basic. Charts

### Creating a Bar Chart



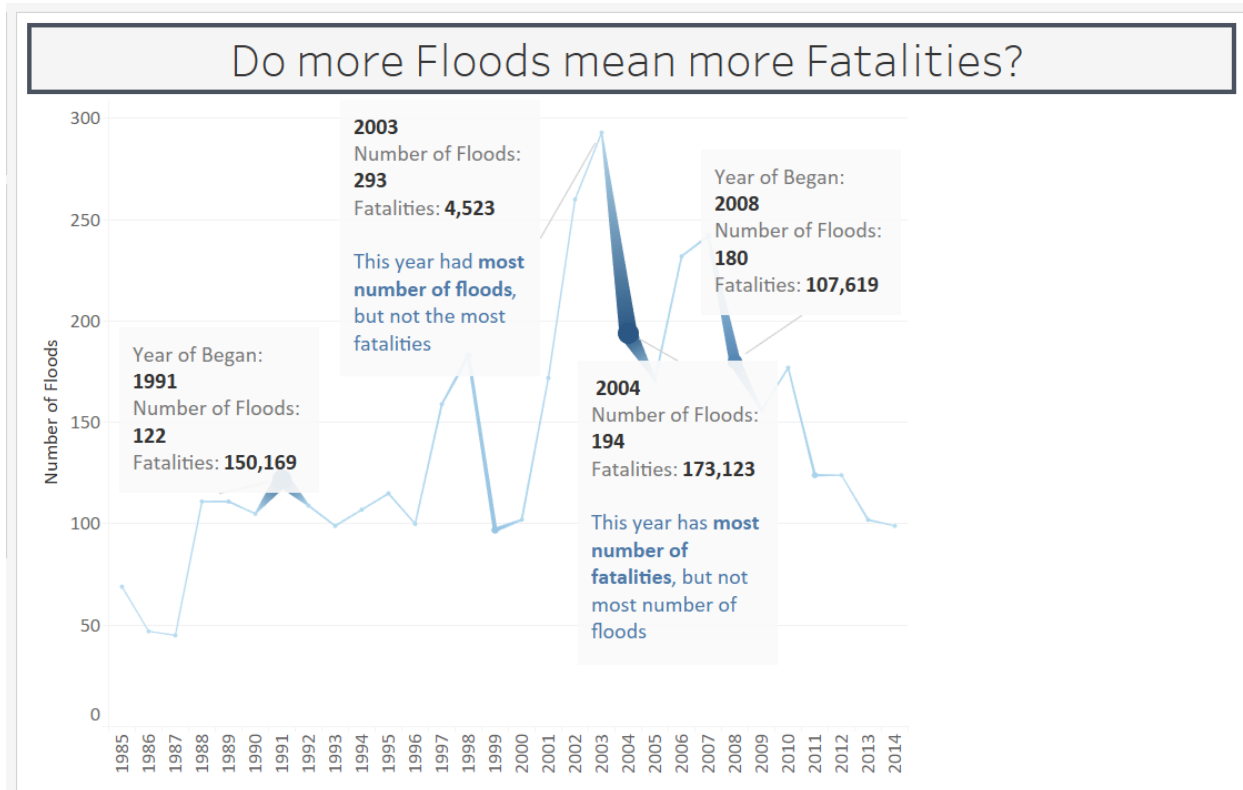
## Chapter.1.-. Basic. Charts

### Creating a Stacked Bar Chart



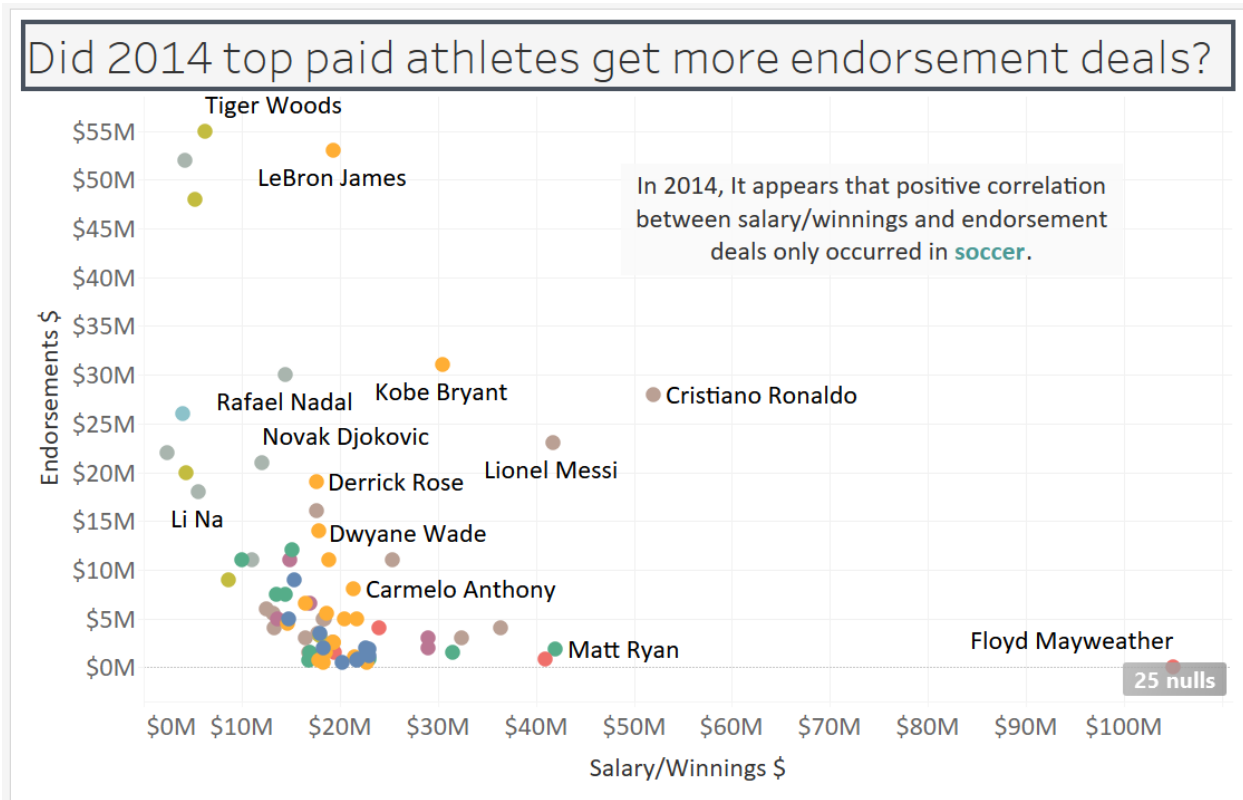
## Chapter.1.-. Basic. Charts

### Creating a Line chart



## Chapter.1.-. Basic. Charts

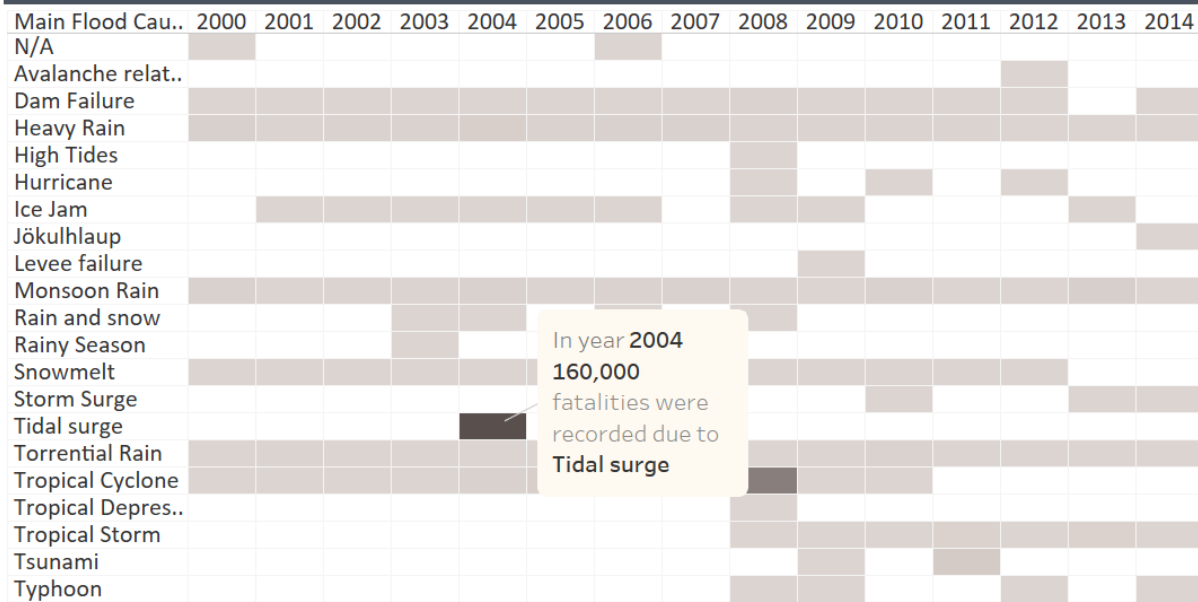
### Creating a Scatter Plot



## Chapter.1.-. Basic. Charts

### Creating a Heat Map

When did the most flood fatalities occur between 2000 - 2014?



## Chapter.1.-. Basic. Charts

### Creating a Text Table

Top 20 Movies from 2007-2011 based on Worldwide Gross					
Film	Year	Worldwide Gross A..	Avg. Audience score..	Avg. Rotten Tomato..	Avg. Profitability
The Twilight Saga: New..	2009	\$709,820,000	78%	27%	\$14
Twilight: Breaking Dawn	2011	\$702,170,000	68%	26%	\$6
Mamma Mia!	2008	\$609,473,955	76%	53%	\$9
WALL-E	2008	\$521,283,432	89%	96%	\$3
Sex and the City	2008	\$415,253,258	81%	49%	\$7
Twilight	2008	\$376,661,000	82%	49%	\$10
Tangled	2010	\$355,080,000	88%	89%	\$1
Enchanted	2007	\$340,487,652	80%	93%	\$4
The Proposal	2009	\$314,700,000	74%	43%	\$8
Sex and the City 2	2010	\$288,350,000	49%	15%	\$3
The Curious Case of Be..	2008	\$285,431,000	81%	73%	\$2
High School Musical 3: ..	2008	\$252,044,501	76%	65%	\$23
It's Complicated	2009	\$224,600,000	63%	56%	\$3
What Happens in Vegas	2008	\$219,367,646	72%	28%	\$6
Knocked Up	2007	\$219,001,261	83%	91%	\$7
Valentine's Day	2010	\$217,570,000	54%	17%	\$4
Marley and Me	2008	\$206,073,000	77%	63%	\$4
The Ugly Truth	2009	\$205,300,000	68%	14%	\$5
Gnomeo and Juliet	2011	\$193,967,000	52%	56%	\$5
He's Just Not That Into ..	2009	\$178,840,000	60%	42%	\$7

## Chapter.1.-. Basic. Charts

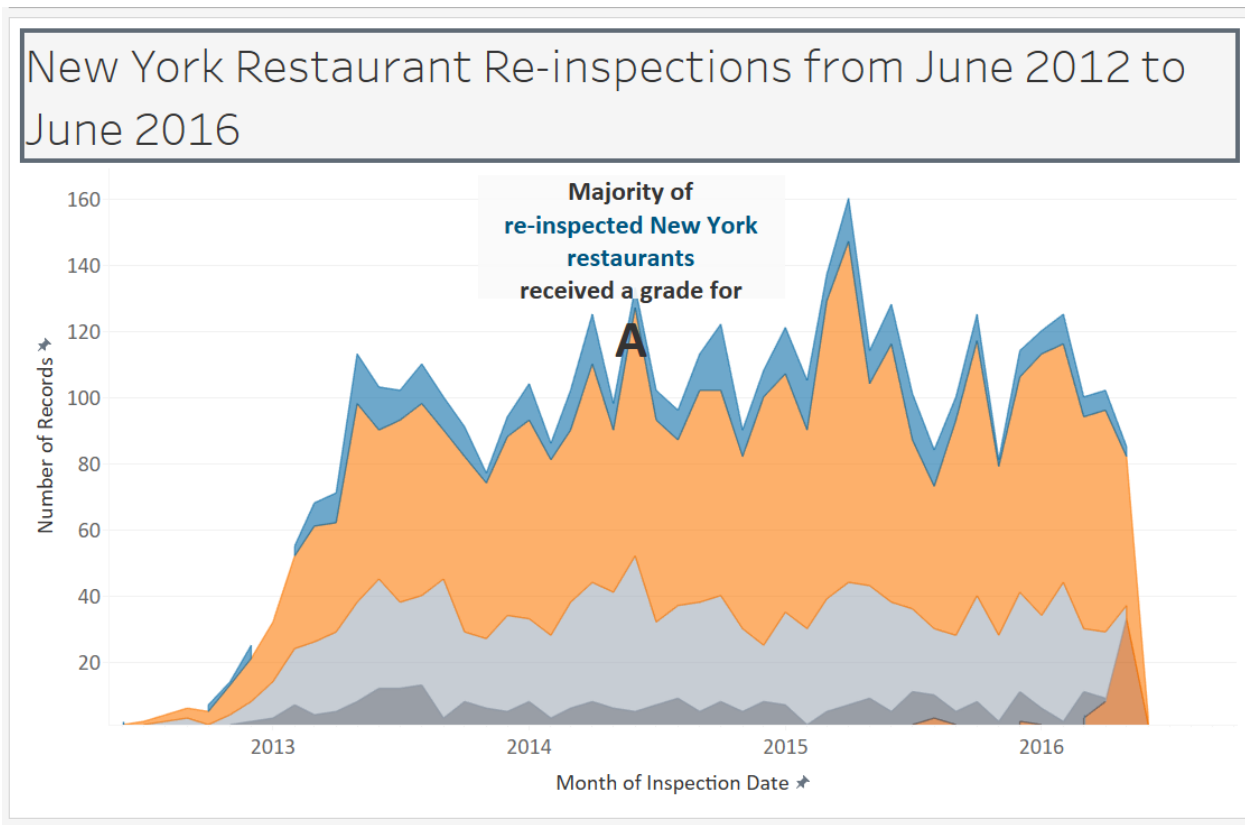
### Creating a Highlight Table

Top 20 Movies from 2007-2011 based on Worldwide Gross					
Film	Year	Worldwide Gross A..	Avg. Audience scor..	Avg. Rotten Tomato..	Avg. Profitability
Enchanted	2007	\$340,487,652	80%	93%	4
Gnomeo and Juliet	2011	\$193,967,000	52%	56%	5
He's Just Not That Into Y..	2009	\$178,840,000	60%	42%	7
High School Musical 3: S..	2008	\$252,044,501	76%	65%	23
It's Complicated	2009	\$224,600,000	63%	56%	3
Knocked Up	2007	\$219,001,261	83%	91%	7
Mamma Mia!	2008	\$609,473,955	76%	53%	9
Marley and Me	2008	\$206,073,000	77%	63%	4
Sex and the City	2008	\$415,253,258	81%	49%	7
Sex and the City 2	2010	\$288,350,000	49%	15%	3
Tangled	2010	\$355,080,000	88%	89%	1
The Curious Case of Benj..	2008	\$285,431,000	81%	73%	2
The Proposal	2009	\$314,700,000	74%	43%	8
The Twilight Saga: New ..	2009	\$709,820,000	78%	27%	14
The Ugly Truth	2009	\$205,300,000	68%	14%	5
Twilight	2008	\$376,661,000	82%	49%	10
Twilight: Breaking Dawn	2011	\$702,170,000	68%	26%	6
Valentine's Day	2010	\$217,570,000	54%	17%	4
WALL-E	2008	\$521,283,432	89%	96%	3
What Happens in Vegas	2008	\$219,367,646	72%	28%	6



## Chapter.1.-. Basic. Charts

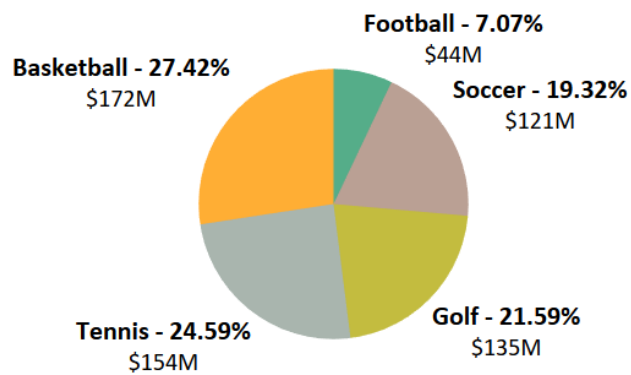
### Creating an Area Chart



## Chapter.1.-. Basic. Charts

### Creating a Pie Chart

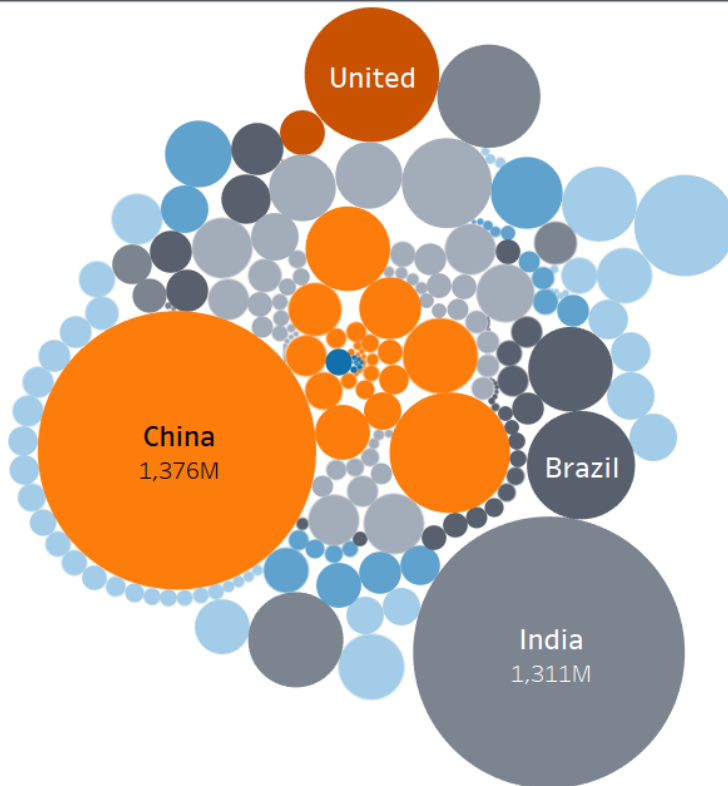
Top 5 Endorsements by Sports in 2014



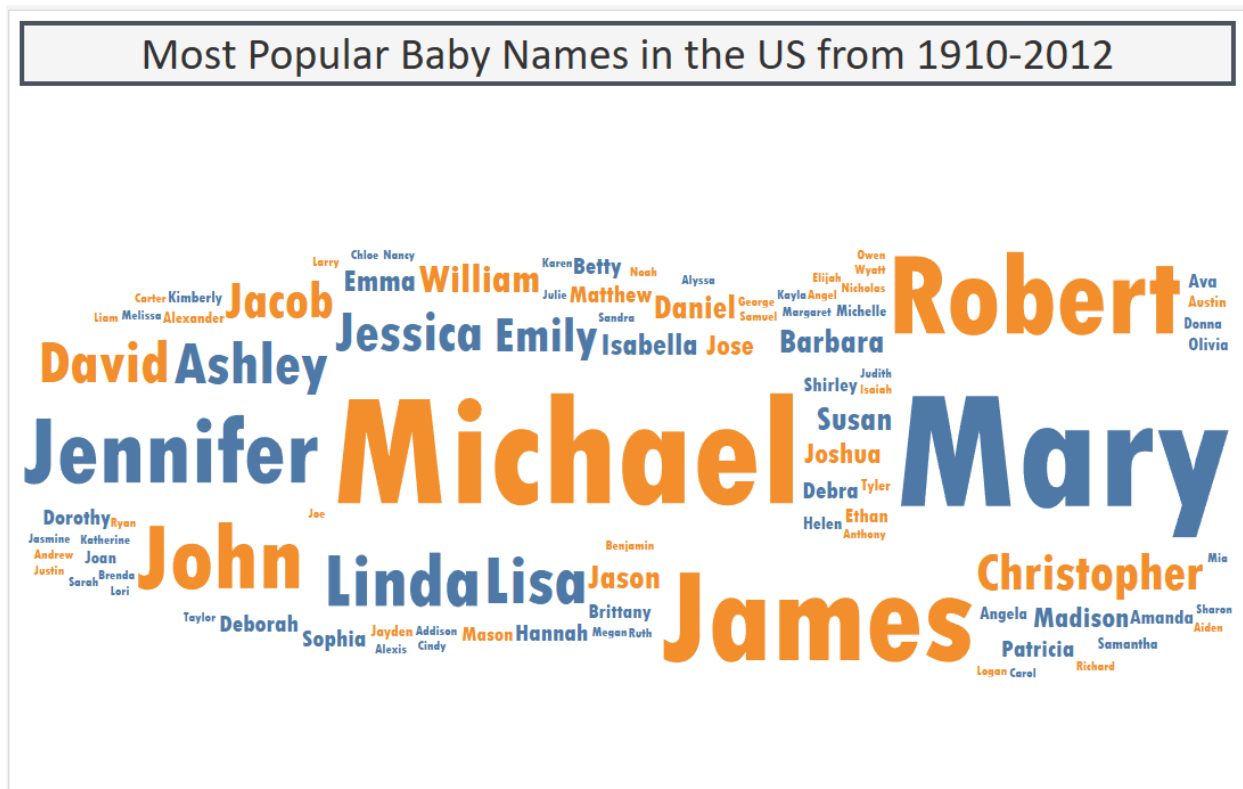
## Chapter.1.-. Basic. Charts

### Creating a Bubble Chart

World Population in 2015

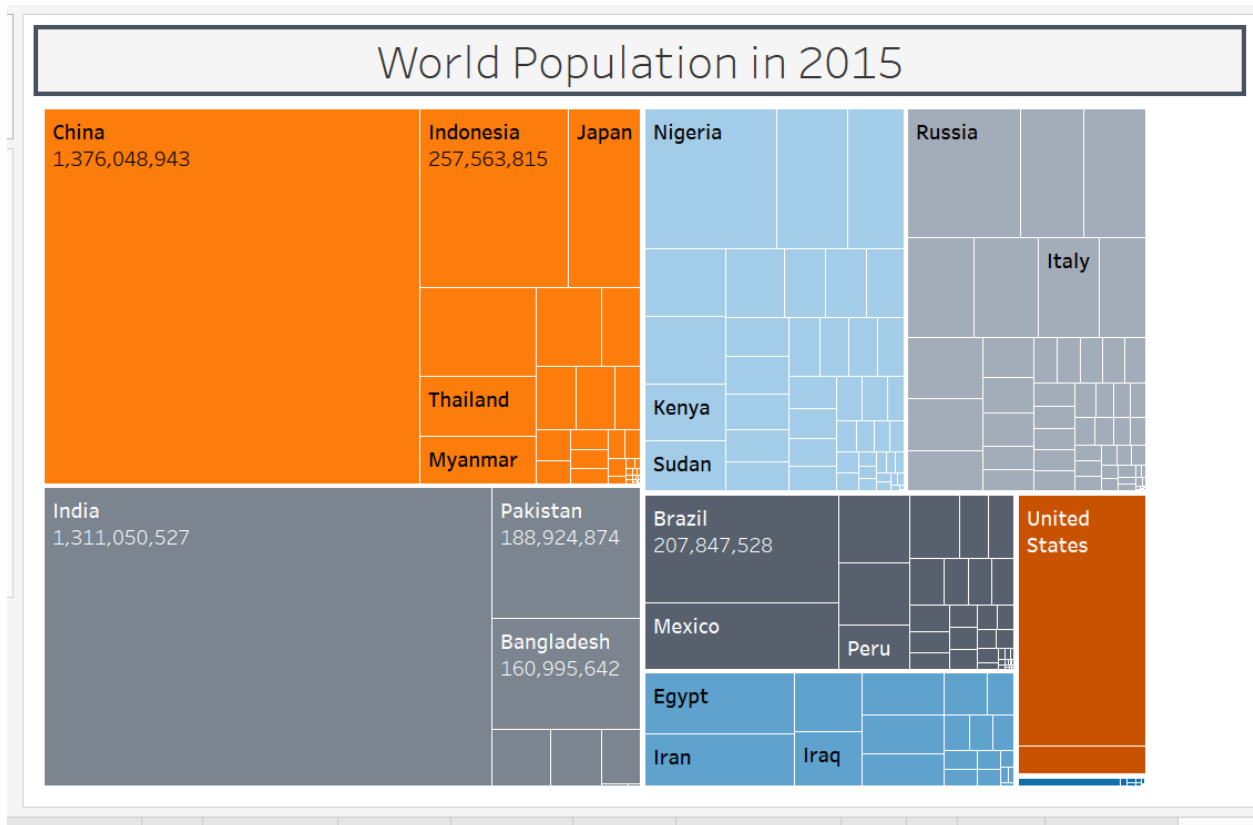


## Creating a Word Cloud



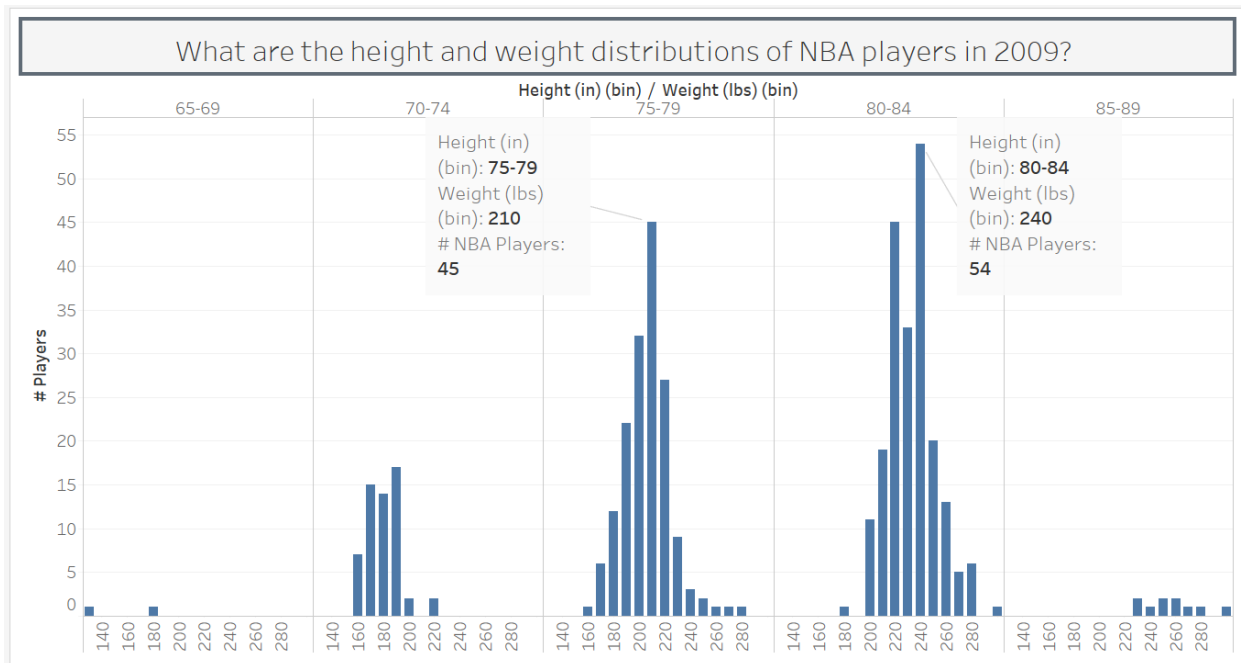
## Chapter.1.-. Basic. Charts

### Creating a Tree Map



## Chapter.2.-. Advanced. Charts

### Creating a Histogram



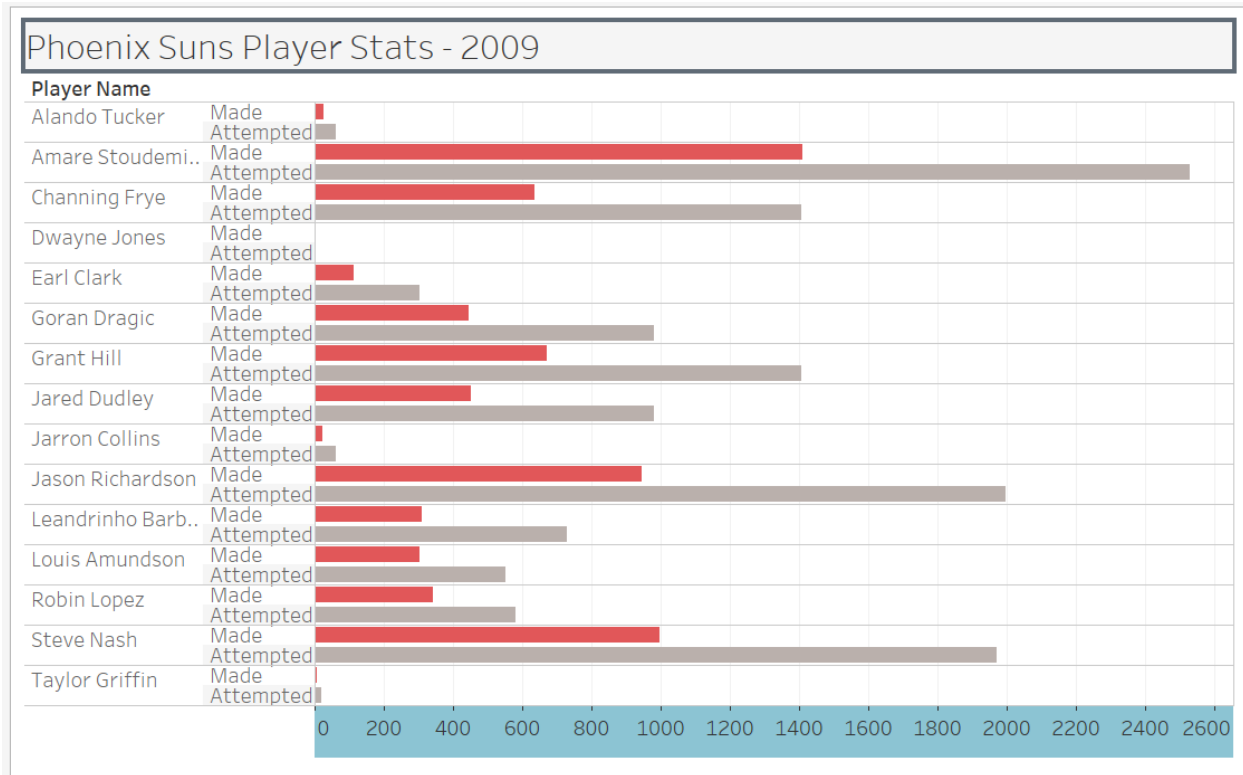
## Chapter.2.-. Advanced. Charts

### Creating a Small Multiple



## Chapter.2.-. Advanced. Charts

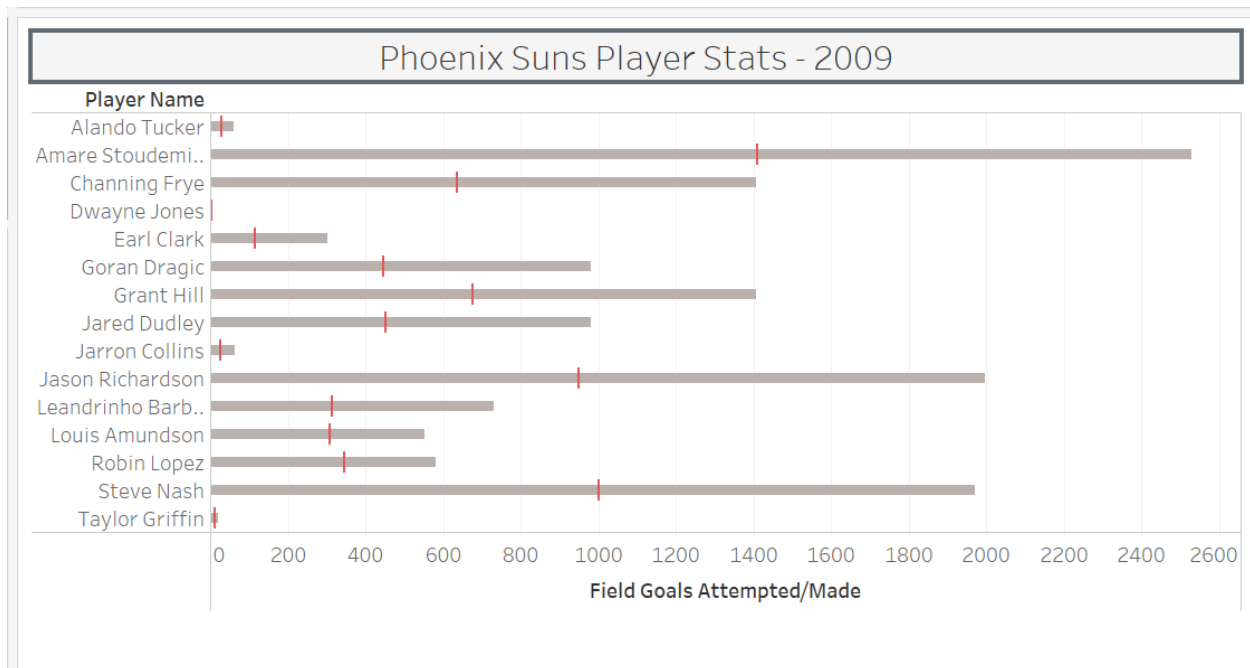
### Creating a Shared Axis





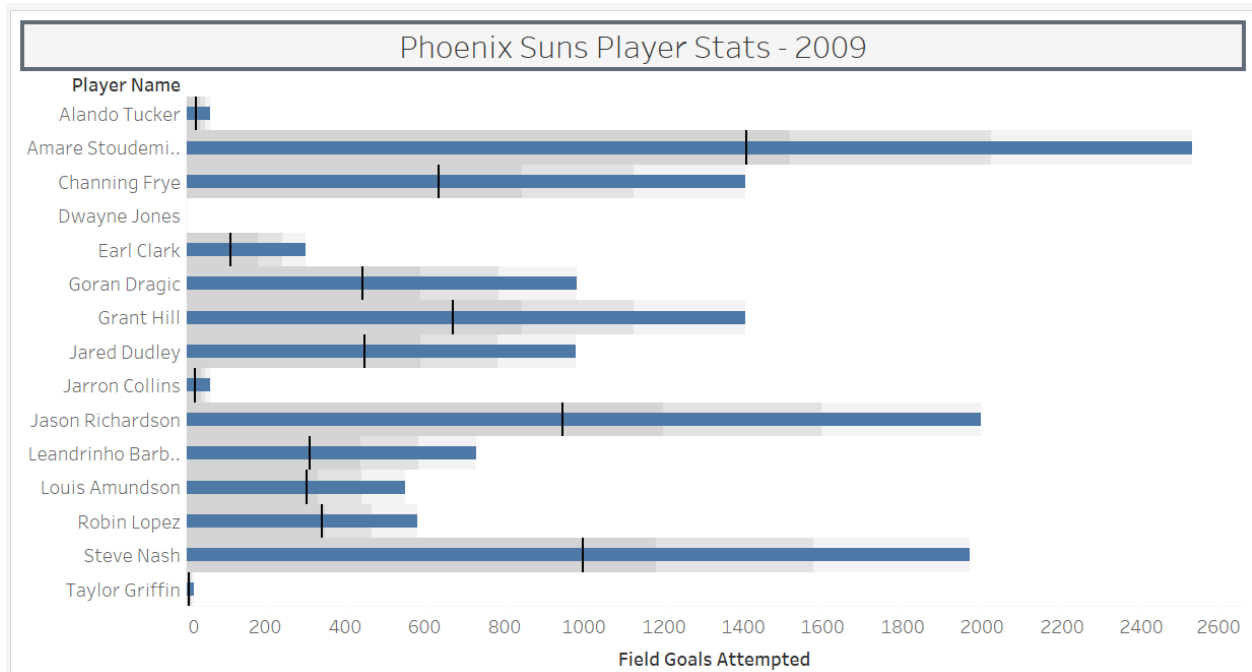
## Chapter.2.-. Advanced. Charts

### Creating a Combo chart dual Axis



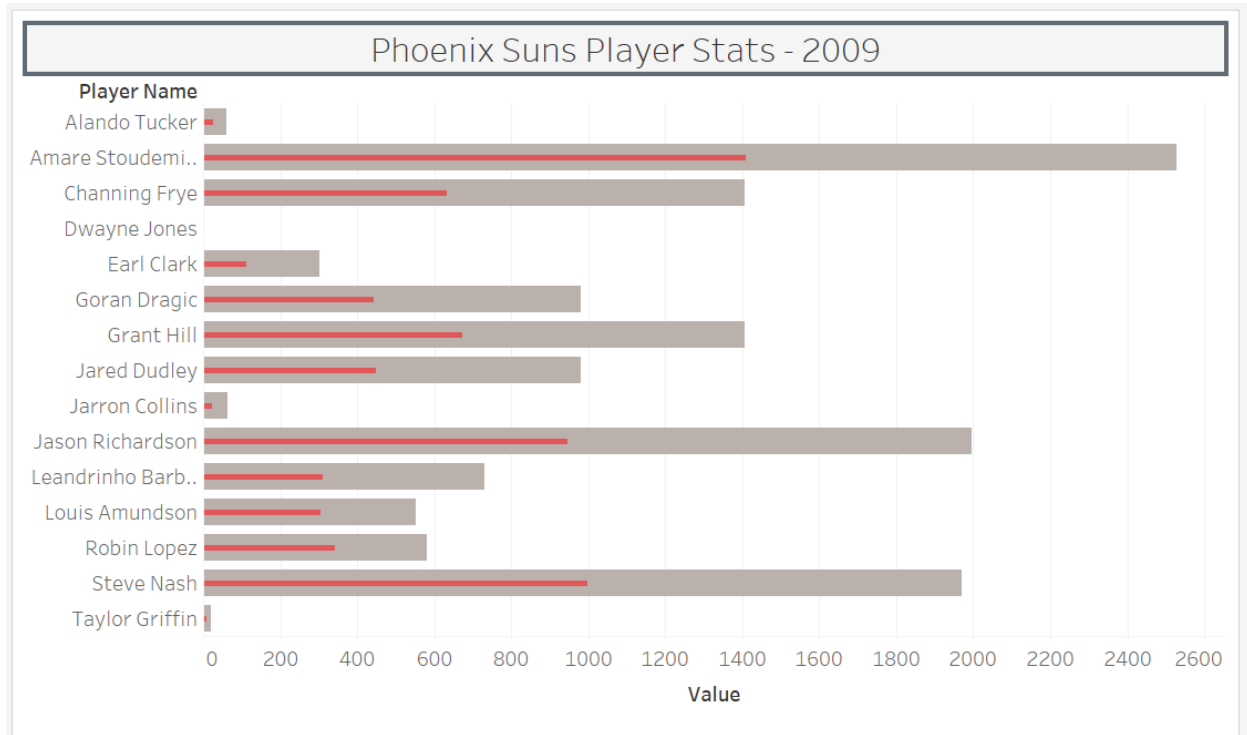
## Chapter.2.-. Advanced. Charts

### Creating a Bullet Chart



## Chapter.2.-. Advanced. Charts

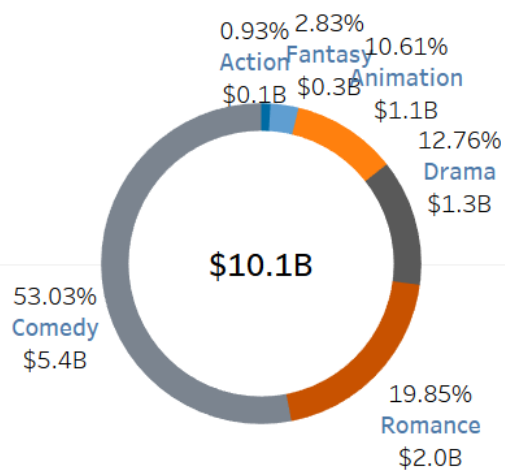
### Creating a Bar in Bar Chart



## Chapter.2.-. Advanced. Charts

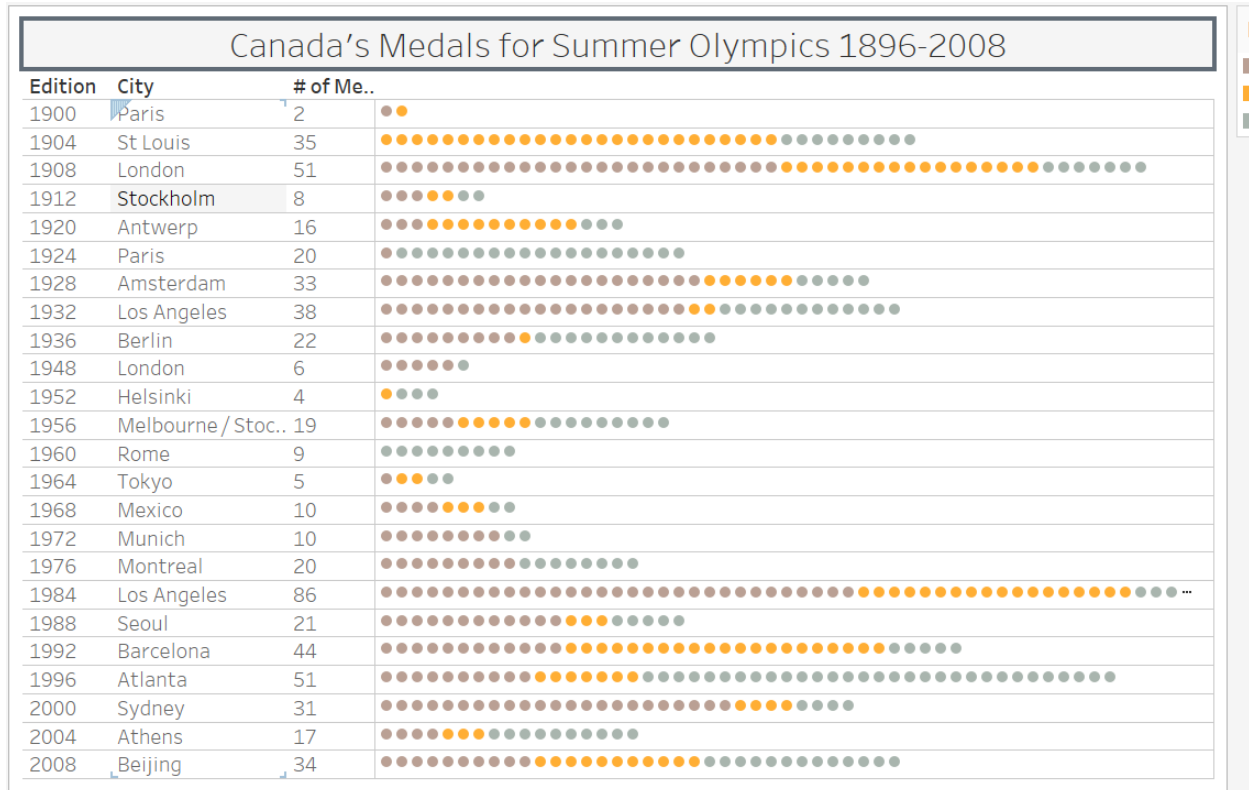
### Creating a Donut

Hollywood's Most Profitable from 2007-2011



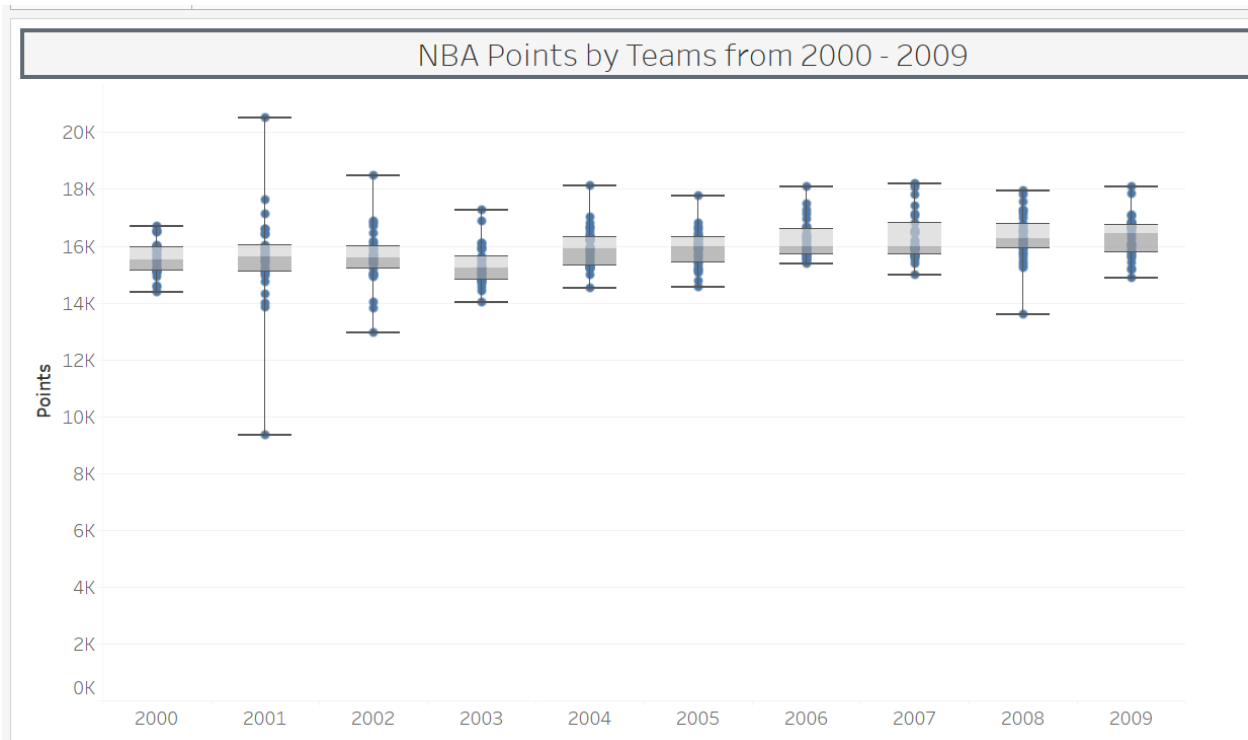
## Chapter.2.-. Advanced. Charts

### Creating a Unit Chart



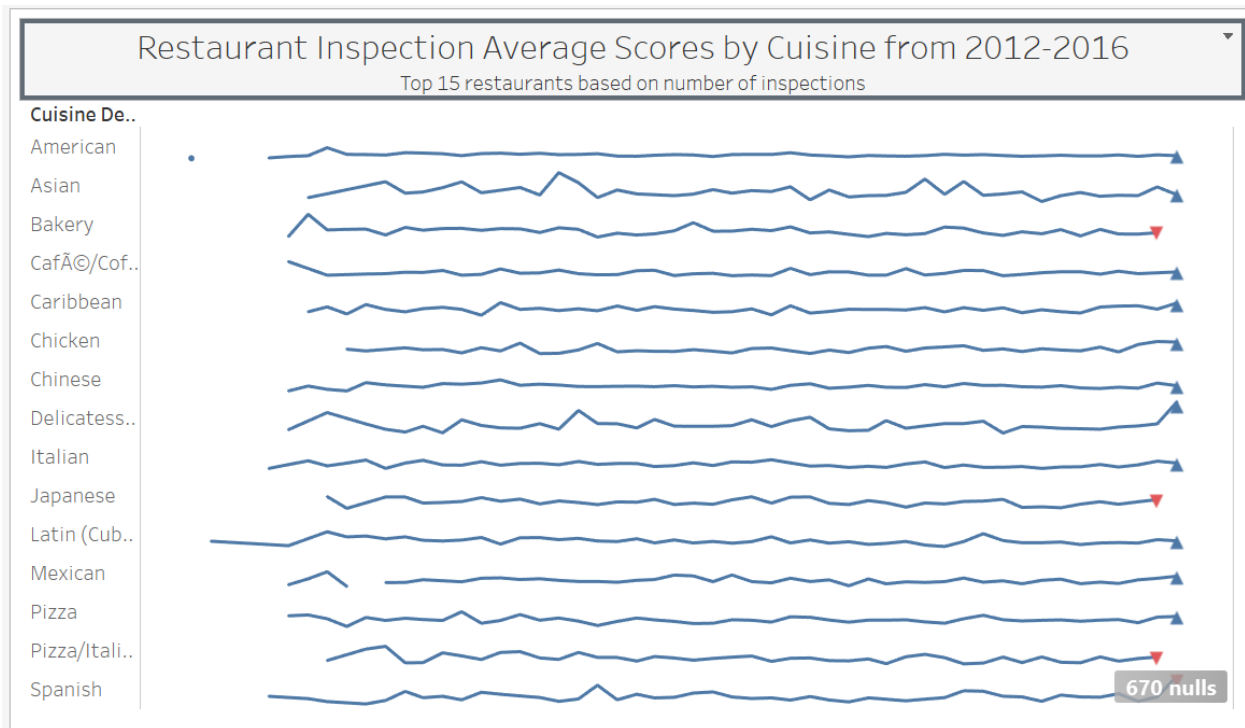
## Chapter.2.-. Advanced. Charts

### Creating Box and whiskers



## Chapter.2.-. Advanced. Charts

### Creating a Sparkline with Indicators



## Chapter.2.-. Advanced. Charts

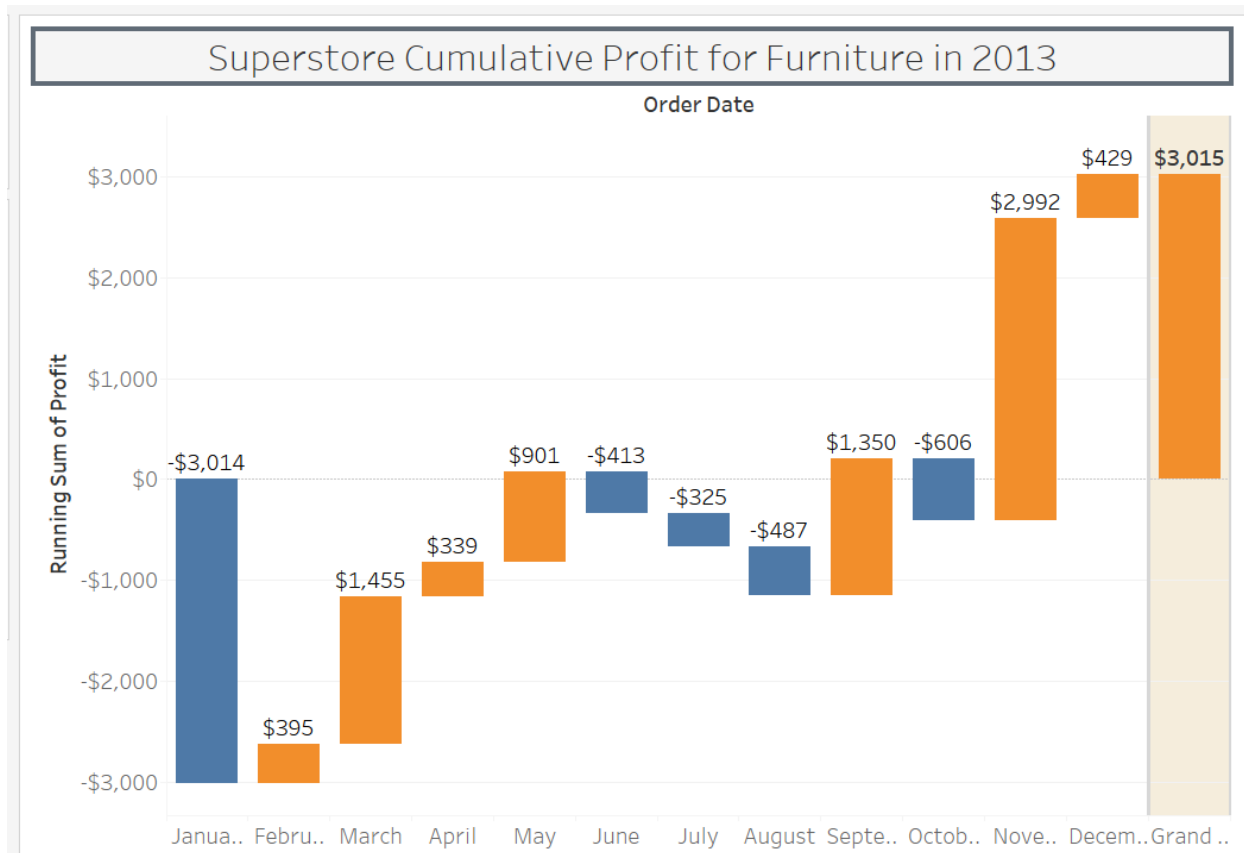
### Creating a KPI Text Table

The book had issues for this visualization.



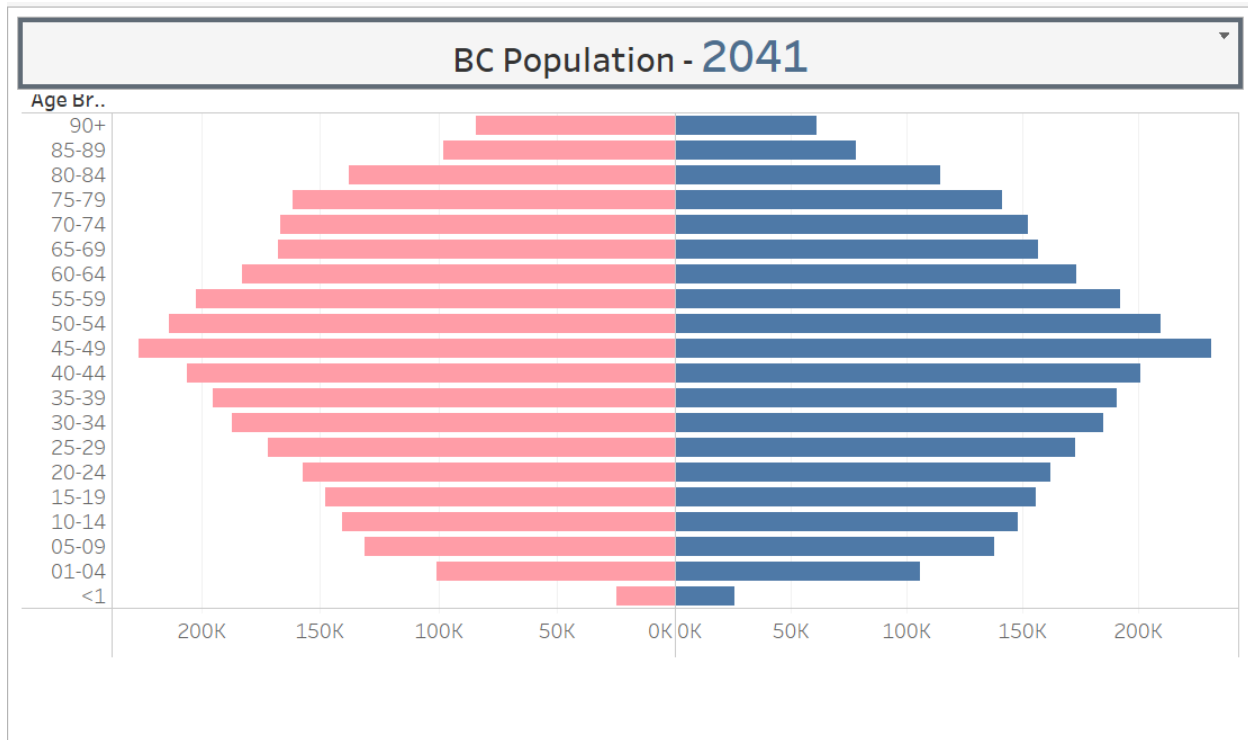
## Chapter.2.-. Advanced. Charts

### Creating a Waterfall Chart



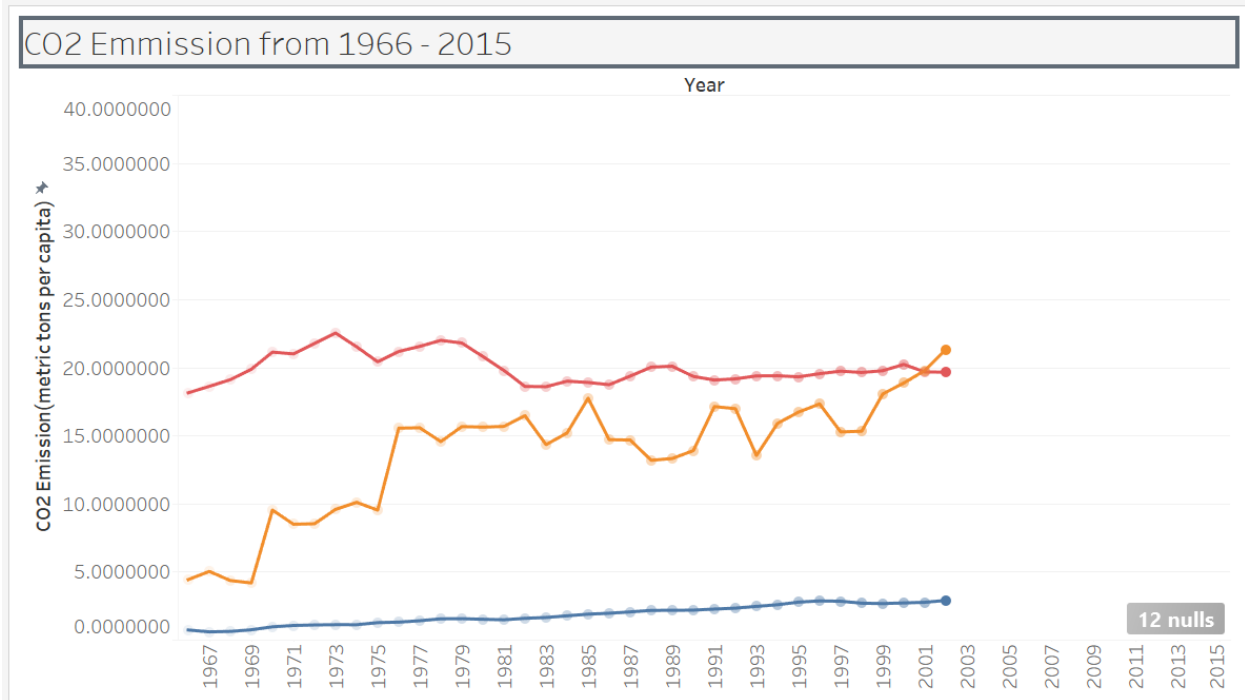
## Chapter.2.-. Advanced. Charts

### Creating a Population Pyramid Chart



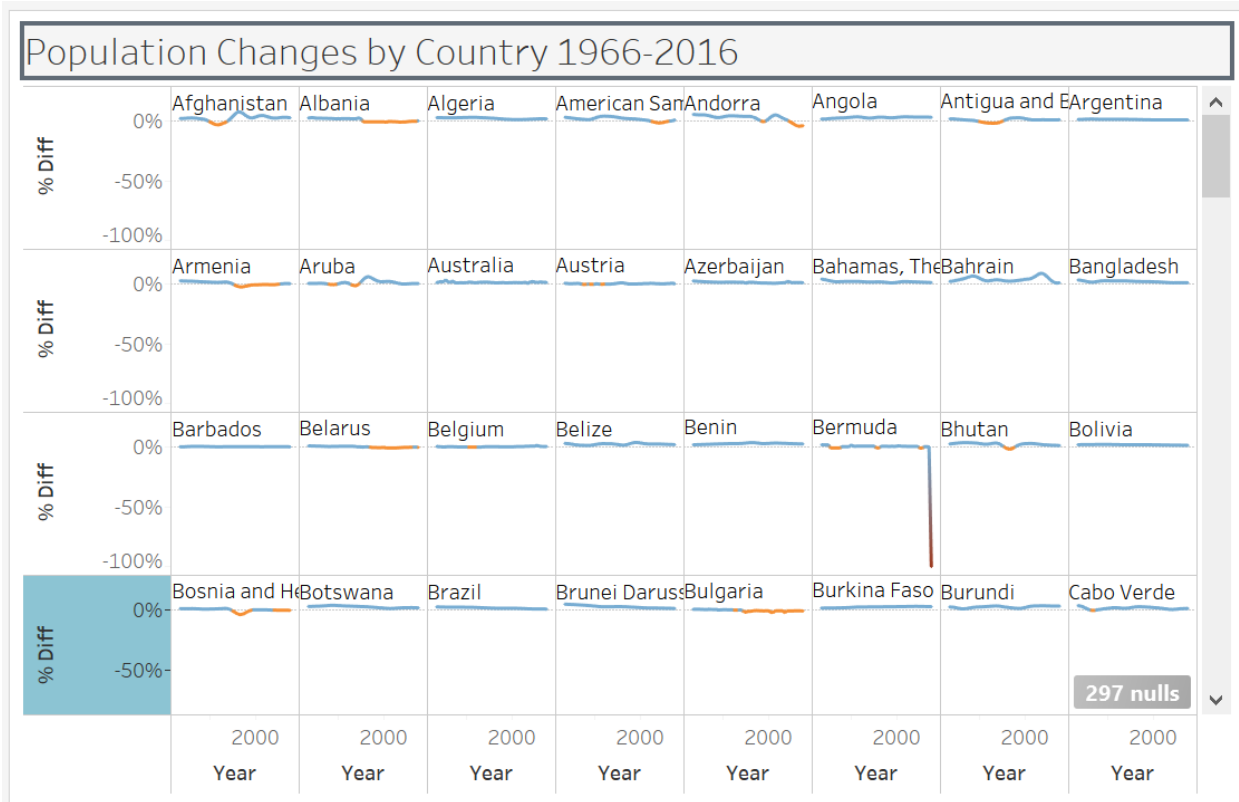
## Chapter.3.-Interactivity

### Creating a Motion Chart



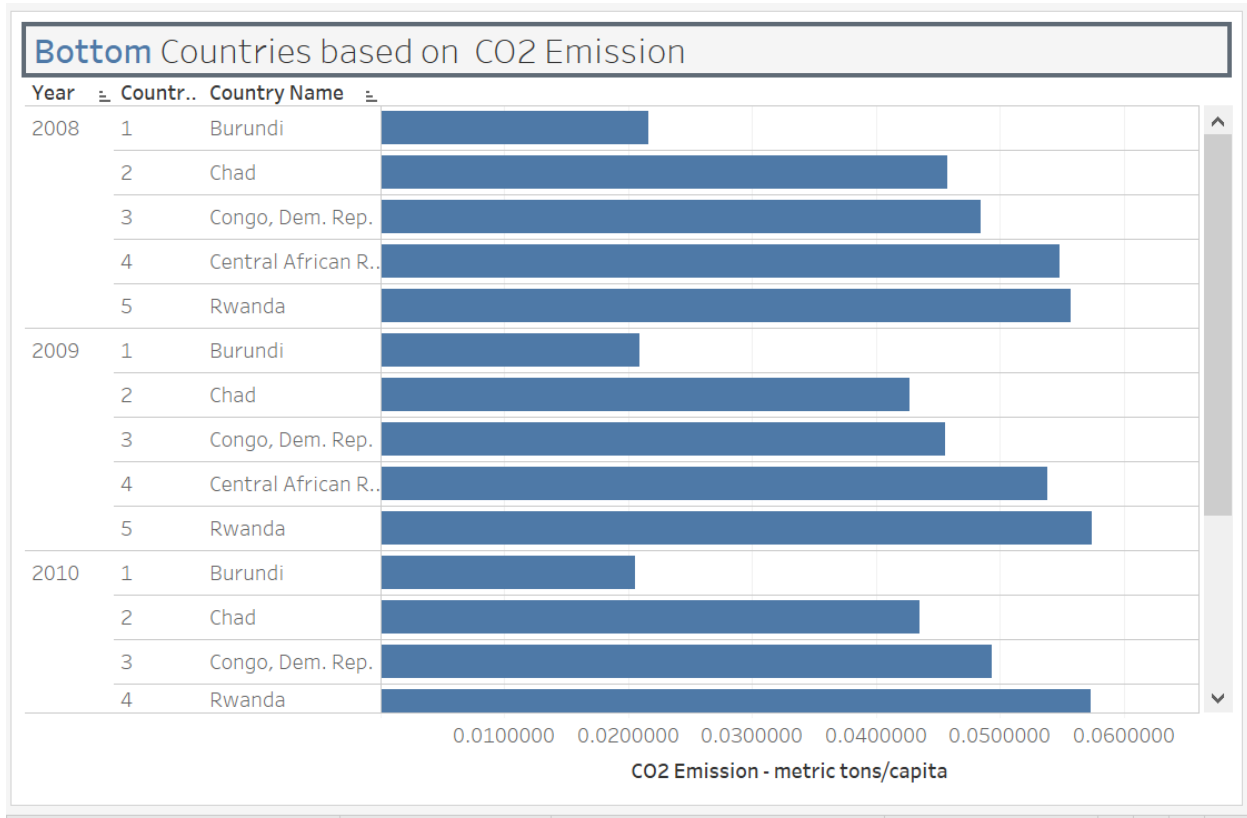
## Chapter.3.-Interactivity

### Creating a Dynamic Column / Row Trellis Chart



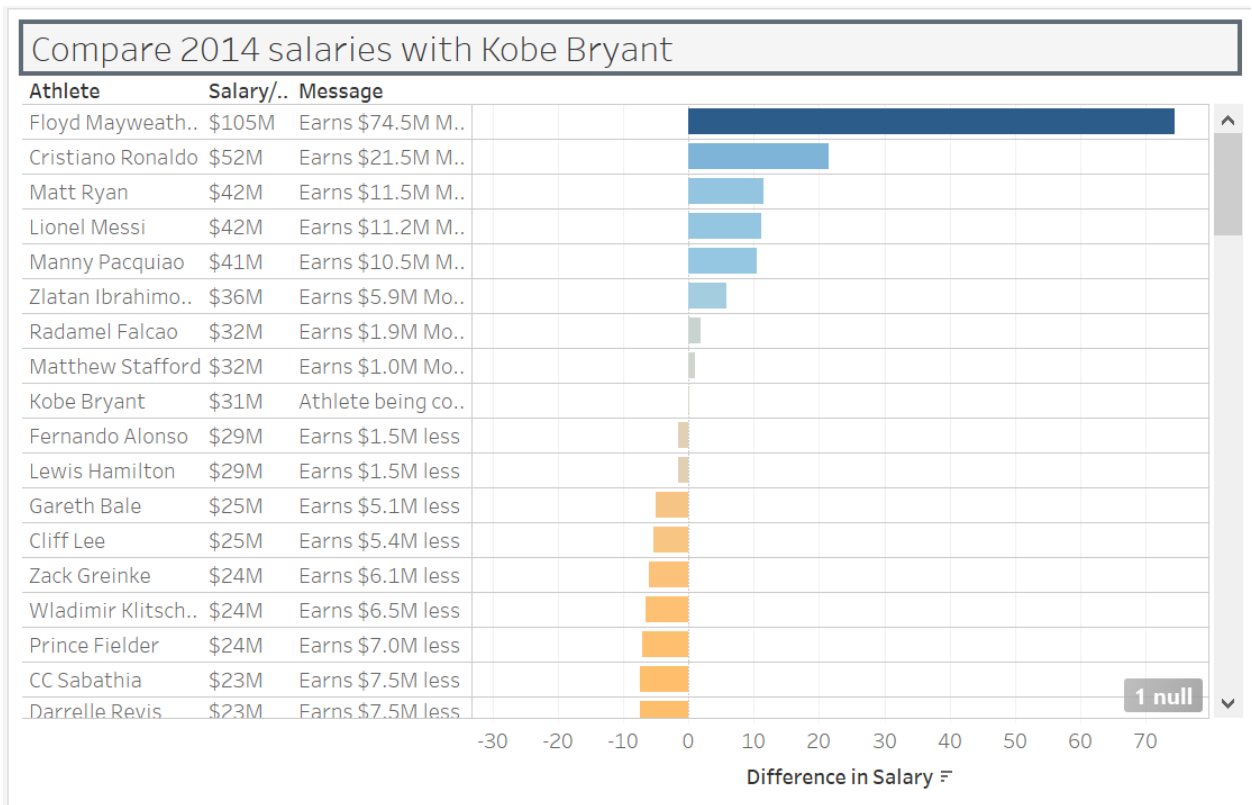
## Chapter.3.-Interactivity

### Creating a Top / Bottom N Filter



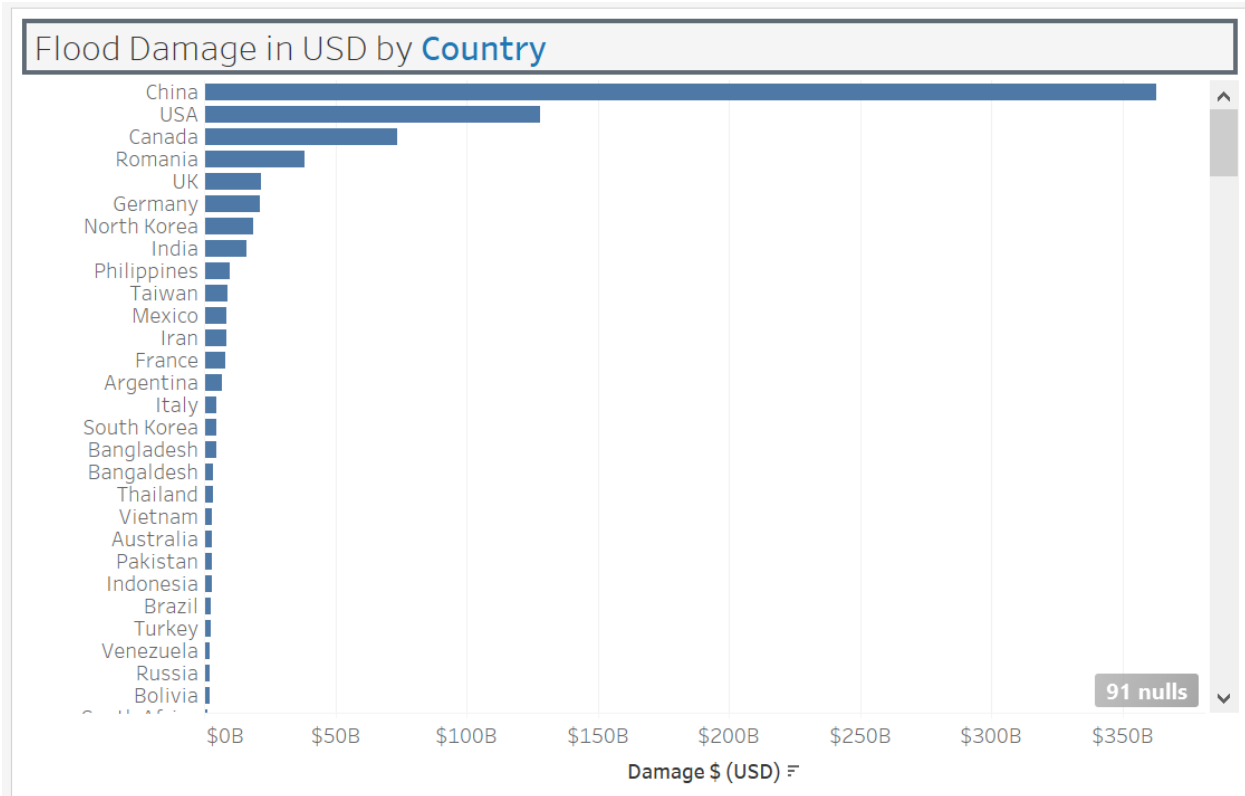
## Chapter.3.-Interactivity

### Comparing One to Everything Else



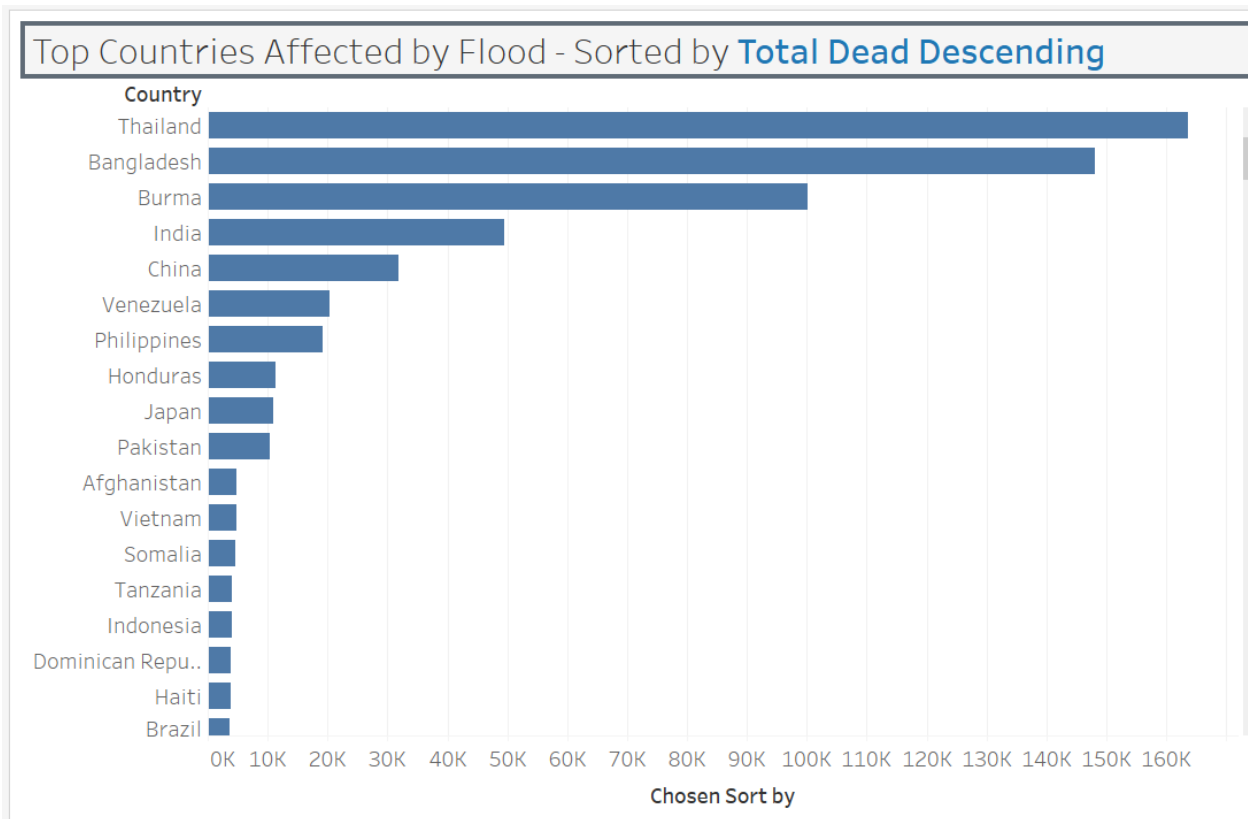
## Chapter.3.-Interactivity

### Dynamically Displaying Dimensions



## Chapter.3.-Interactivity

### Dynamically Displaying and Sorting Measures





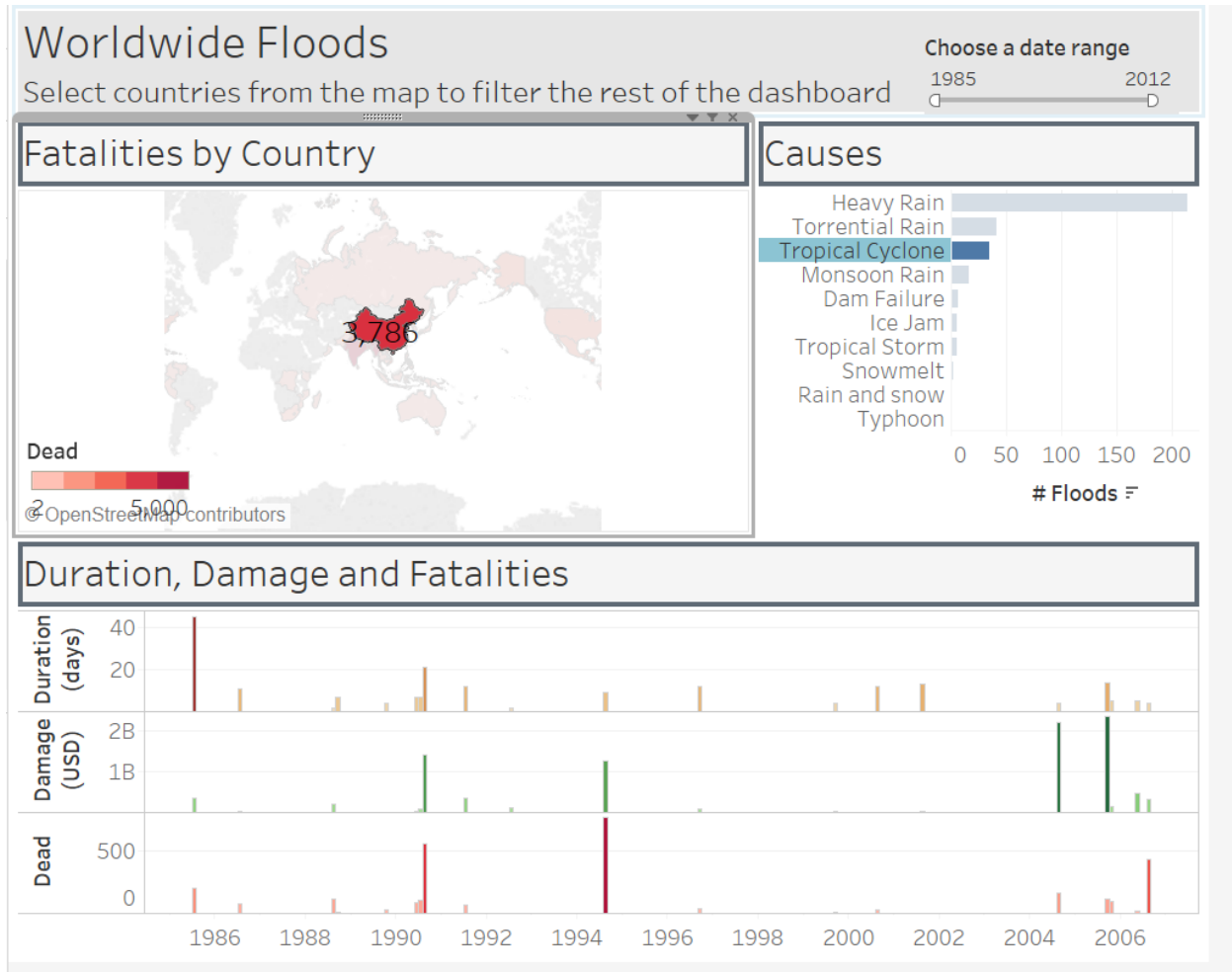
## Chapter.3.-Interactivity

### Creating a Custom Date Period Filter

Note: - The book had issues for this visualization.

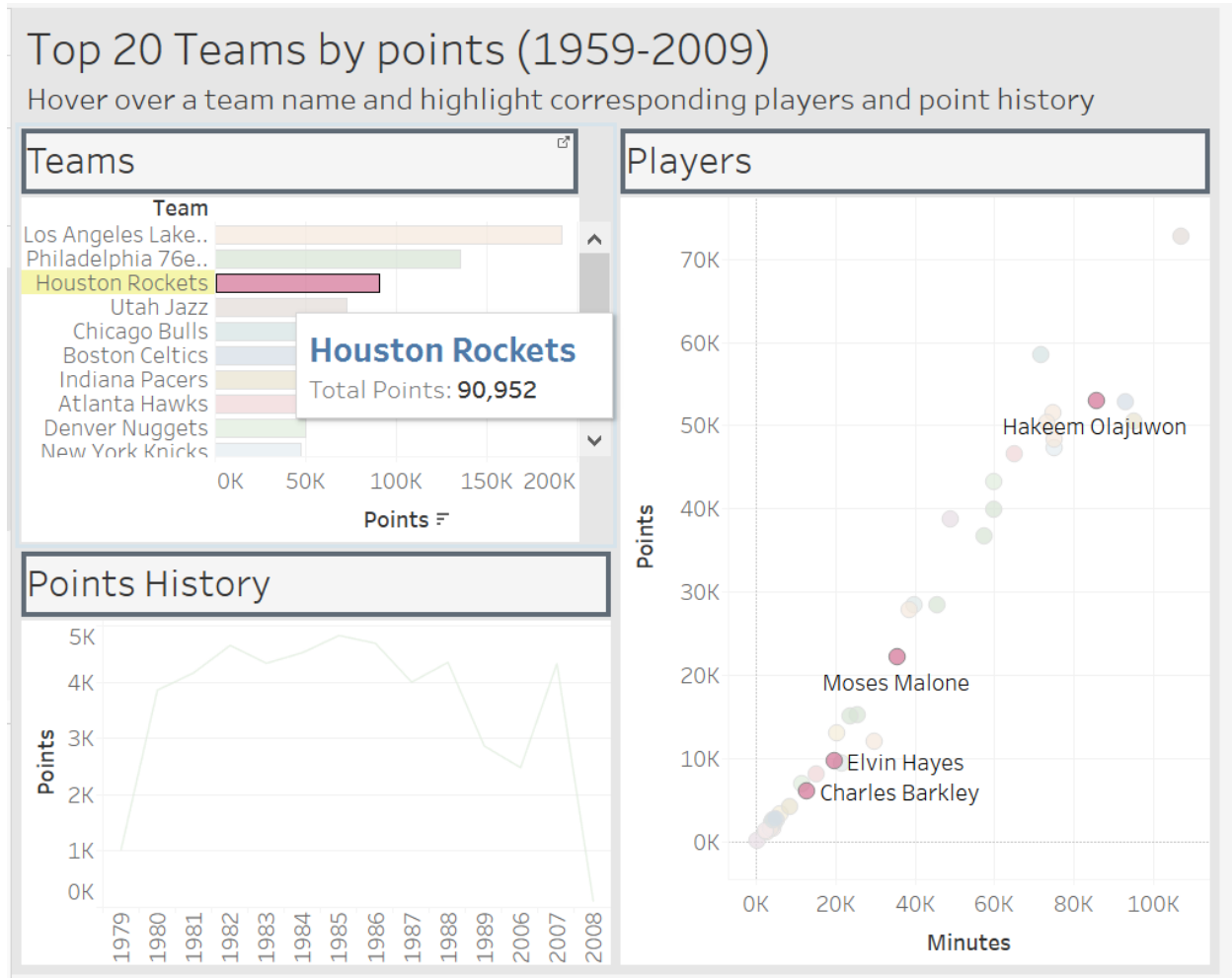
## Chapter.4.-Interactivity

### Creating a Filter Action



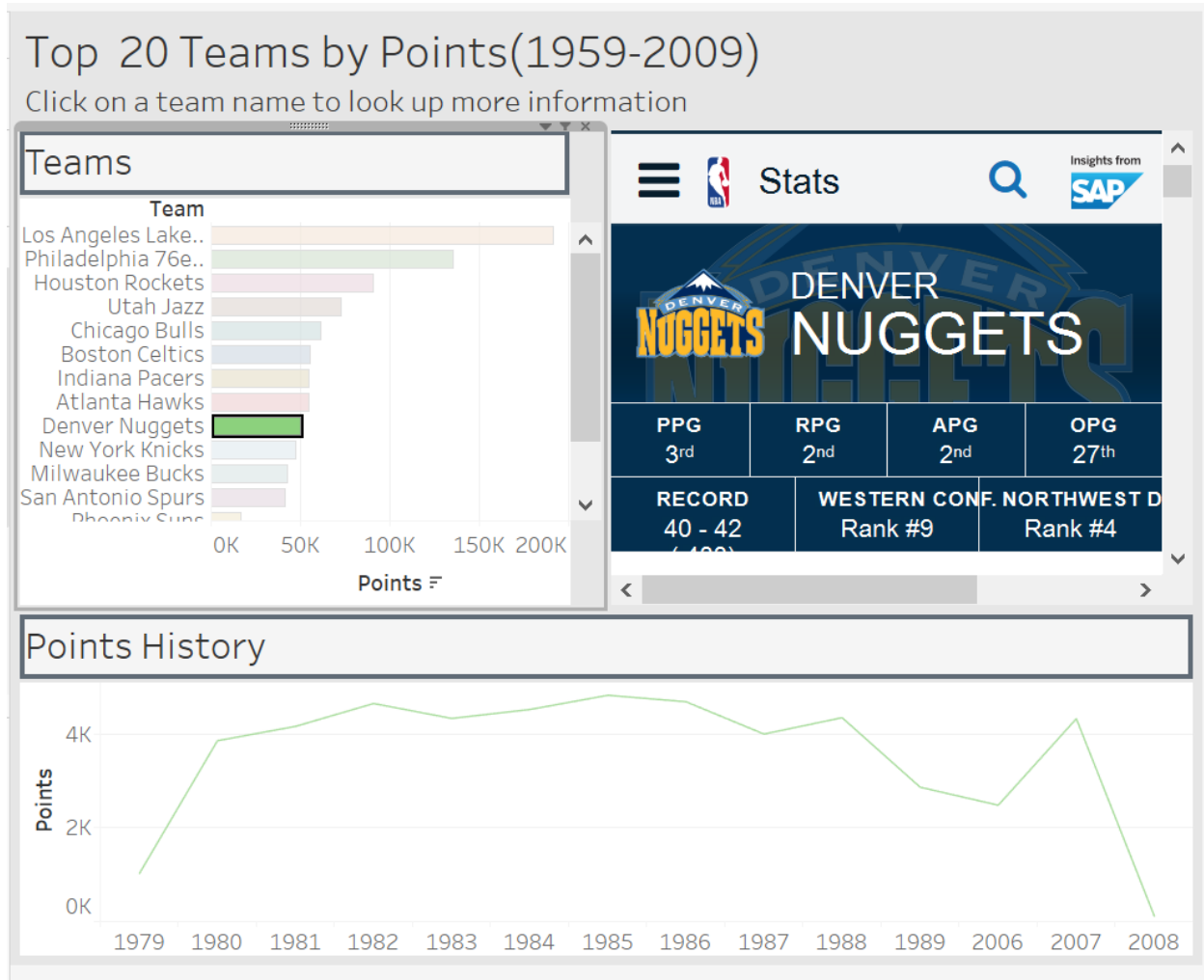
## Chapter.4.-Interactivity

### Creating a Highlight Action



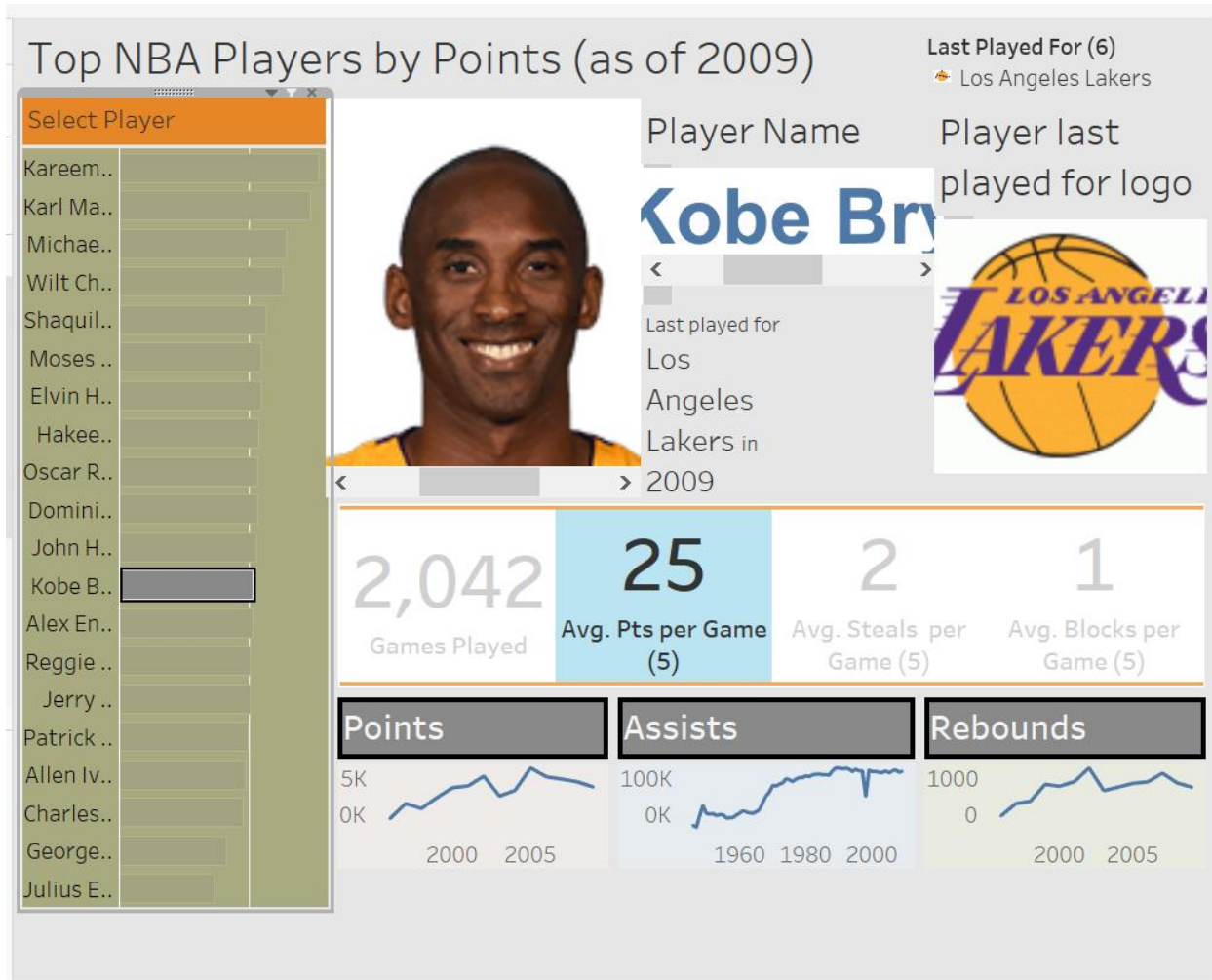
## Chapter.4.-Interactivity

### Creating a URL Action



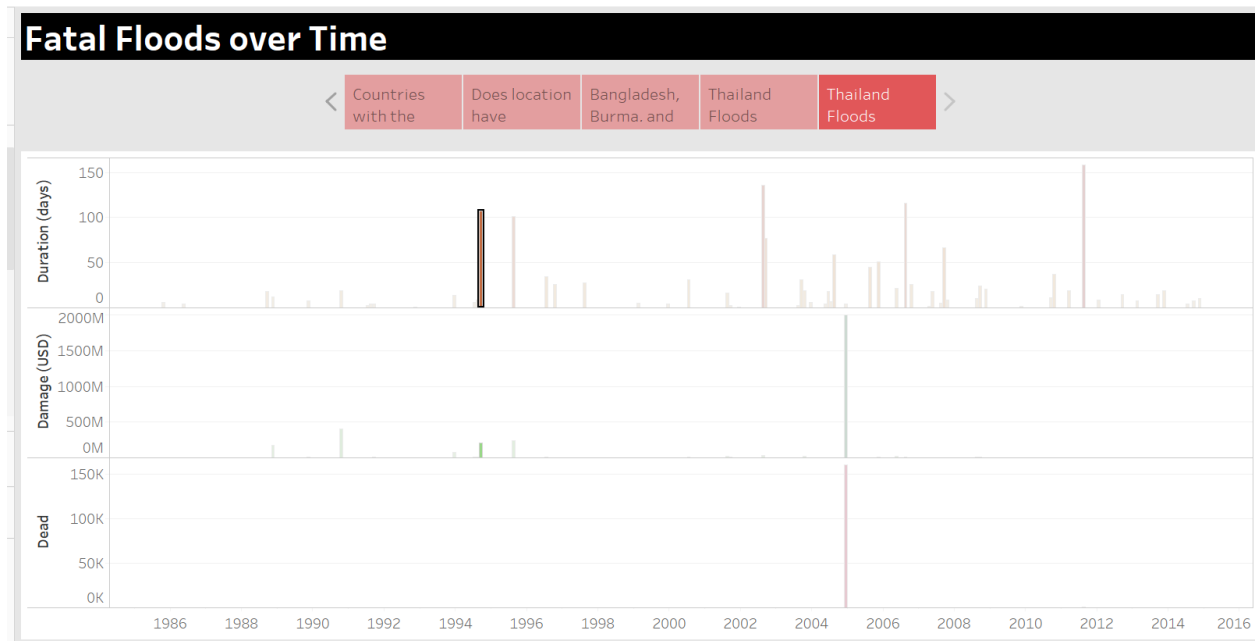
## Chapter.4.-Interactivity

### Creating an Infographic-like Dashboard



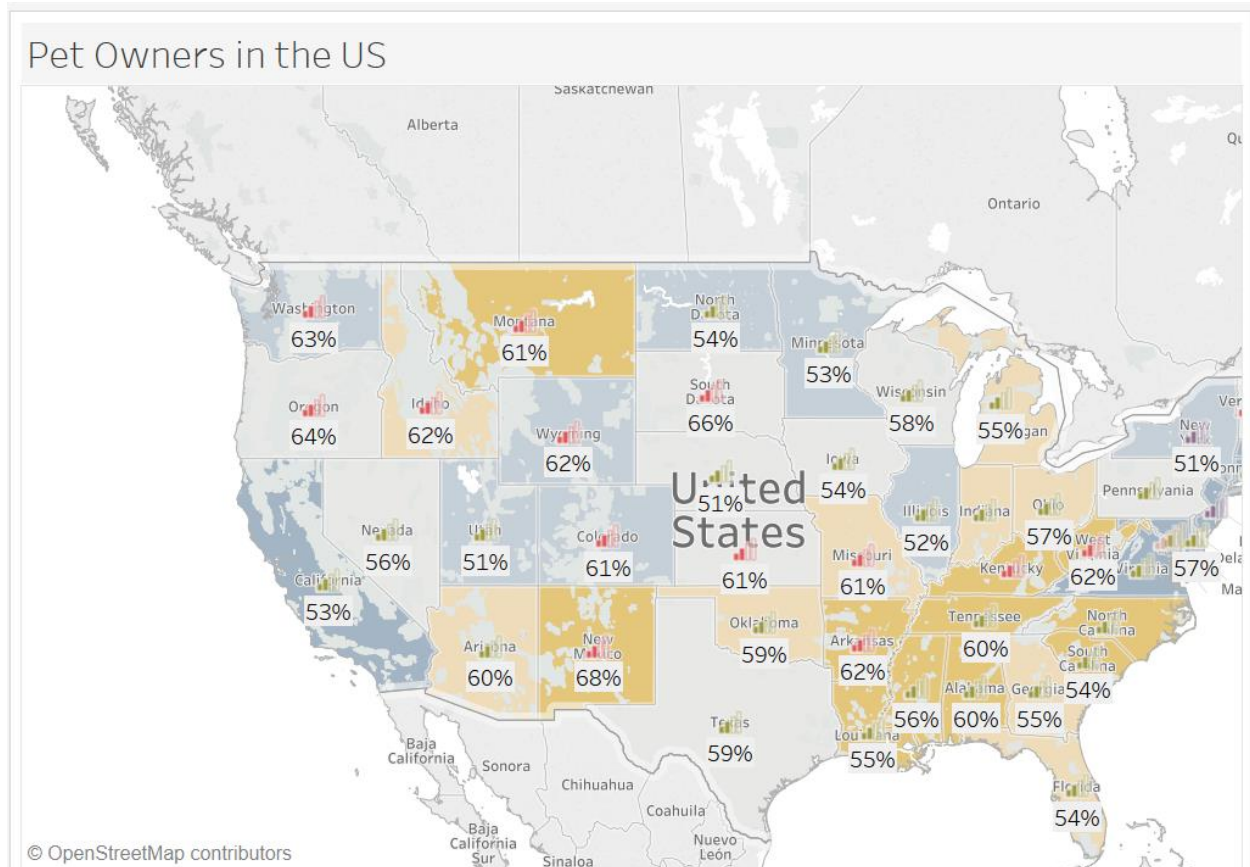
## Chapter.4.-Interactivity

### Creating Story Points



## Chapter.5.- Maps and Geospatial Visualization

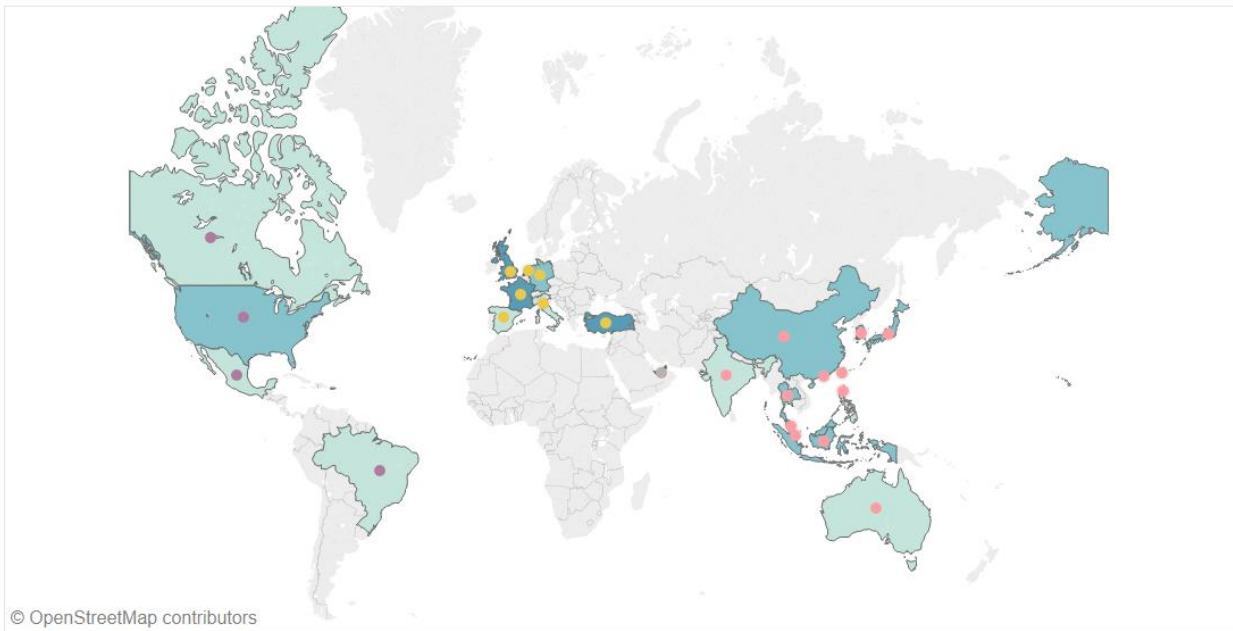
### Adding Data Layers to a Map



## Chapter.5.- Maps and Geospatial Visualization

### Creating a Custom Territories

World's Busiest Airports (2014 and 2015)

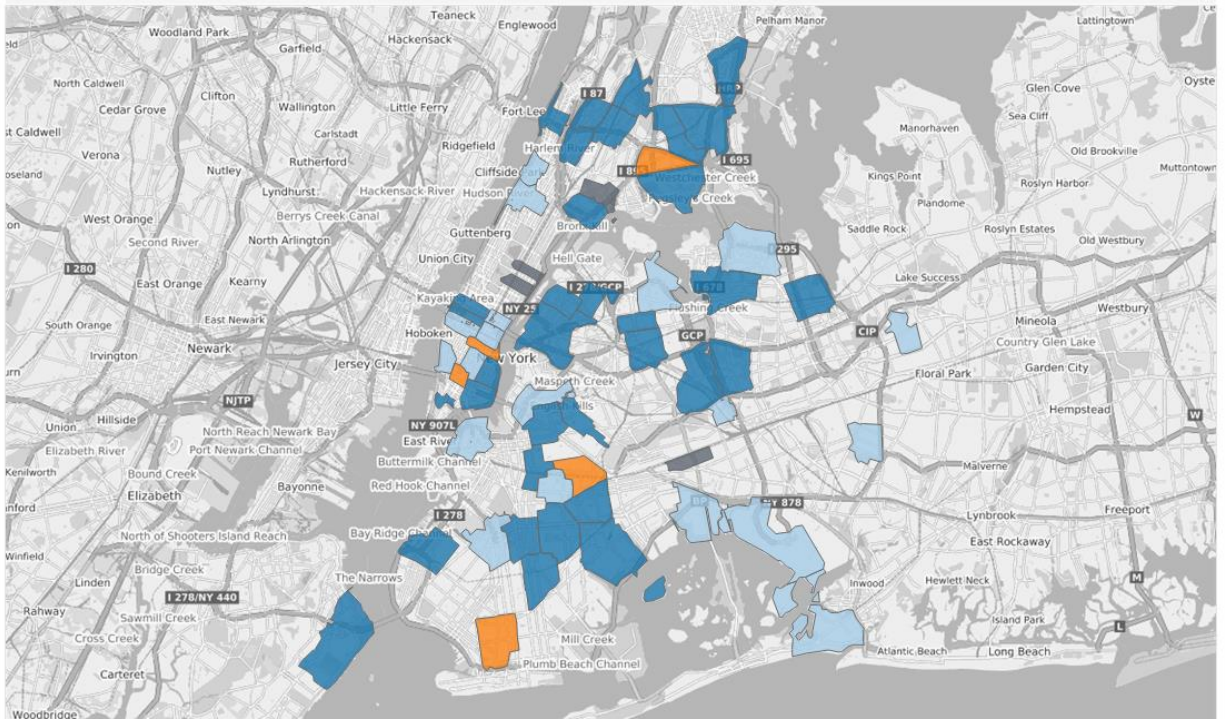




## Chapter.5.- Maps and Geospatial Visualization

### Working with Web Map Service (WMS)

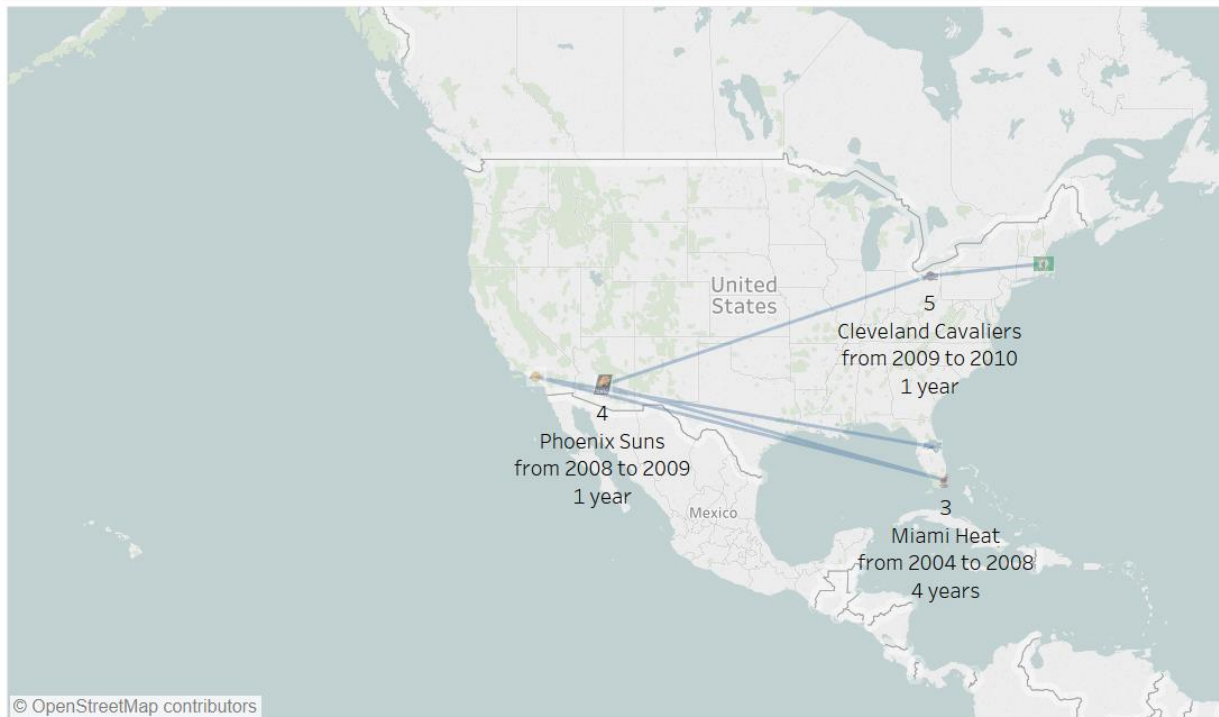
#### New York McDonald's Restaurant Inspections



## Chapter.5.- Maps and Geospatial Visualization

### Using a Path to Display Movement in a Map

Shaq attack-Which teams did Shaq play for?



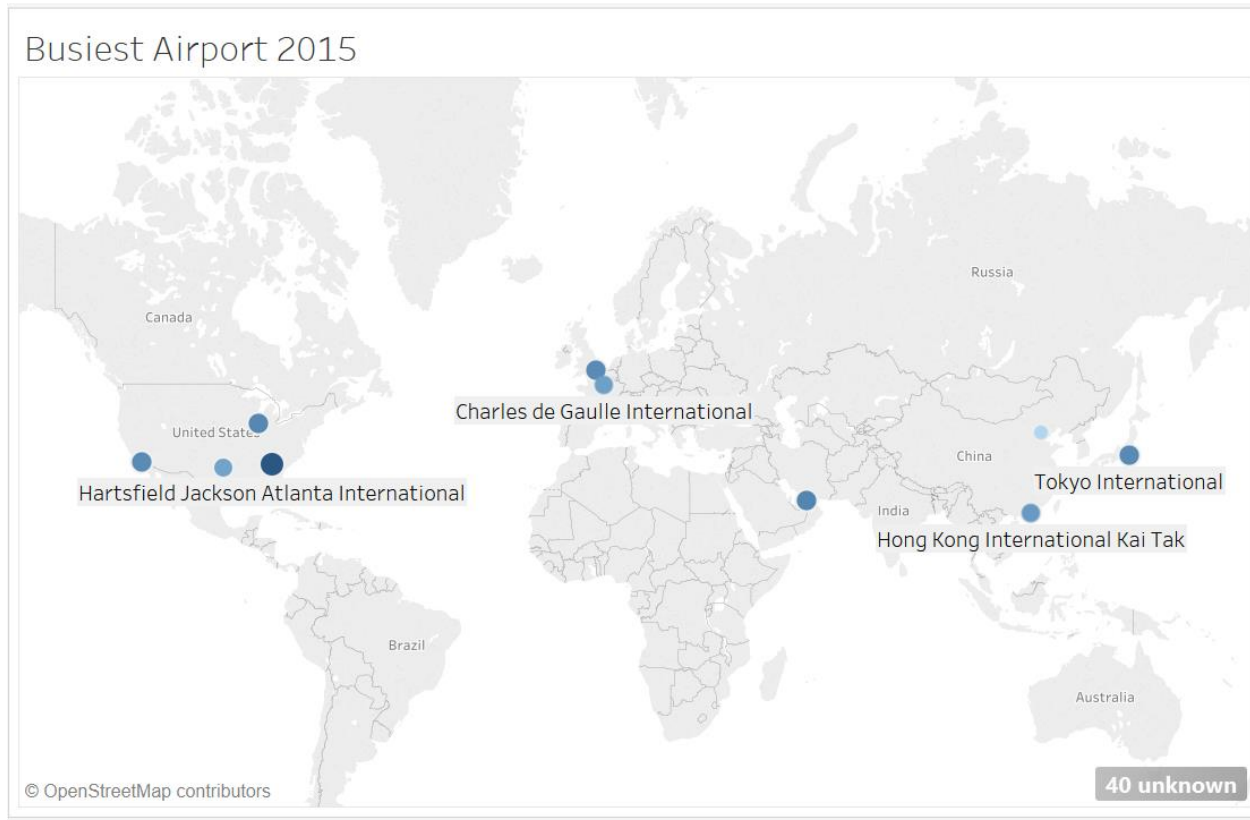
## Chapter.5.- Maps and Geospatial Visualization

### Mapping Custom Polygons

Note: The book had issues for this visualization.

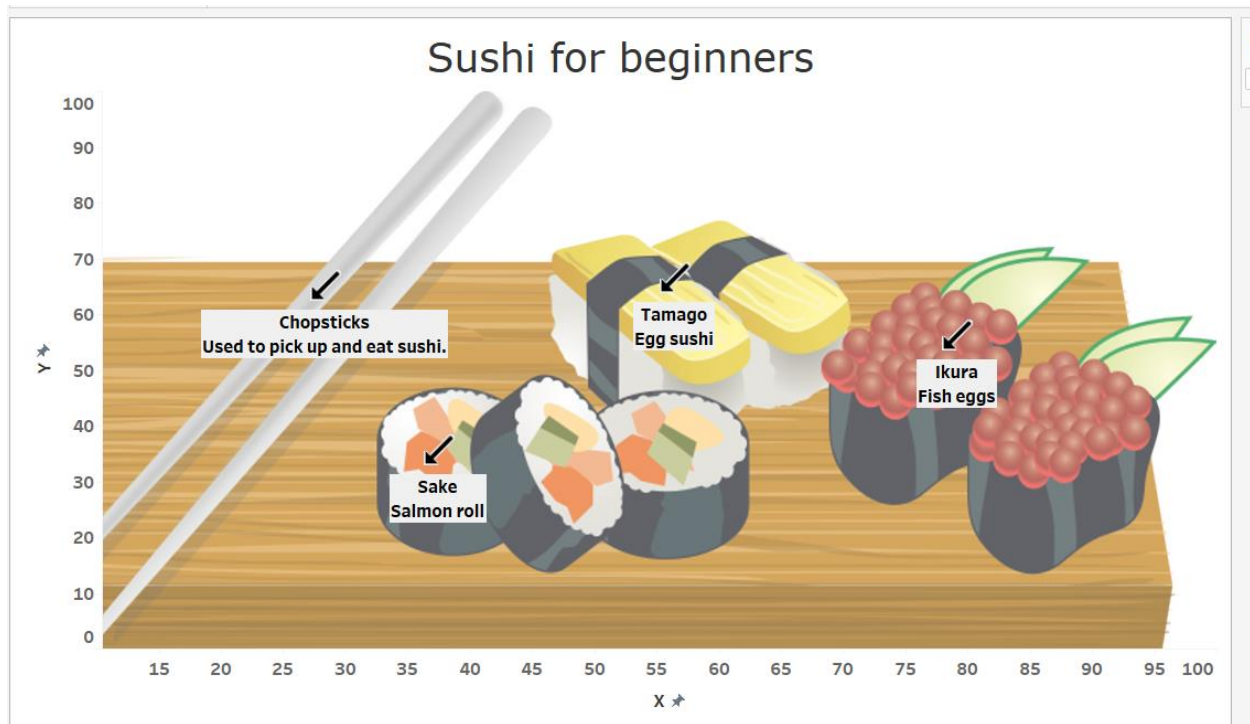
## Chapter.5.- Maps and Geospatial Visualization

### Importing Custom Geocoding



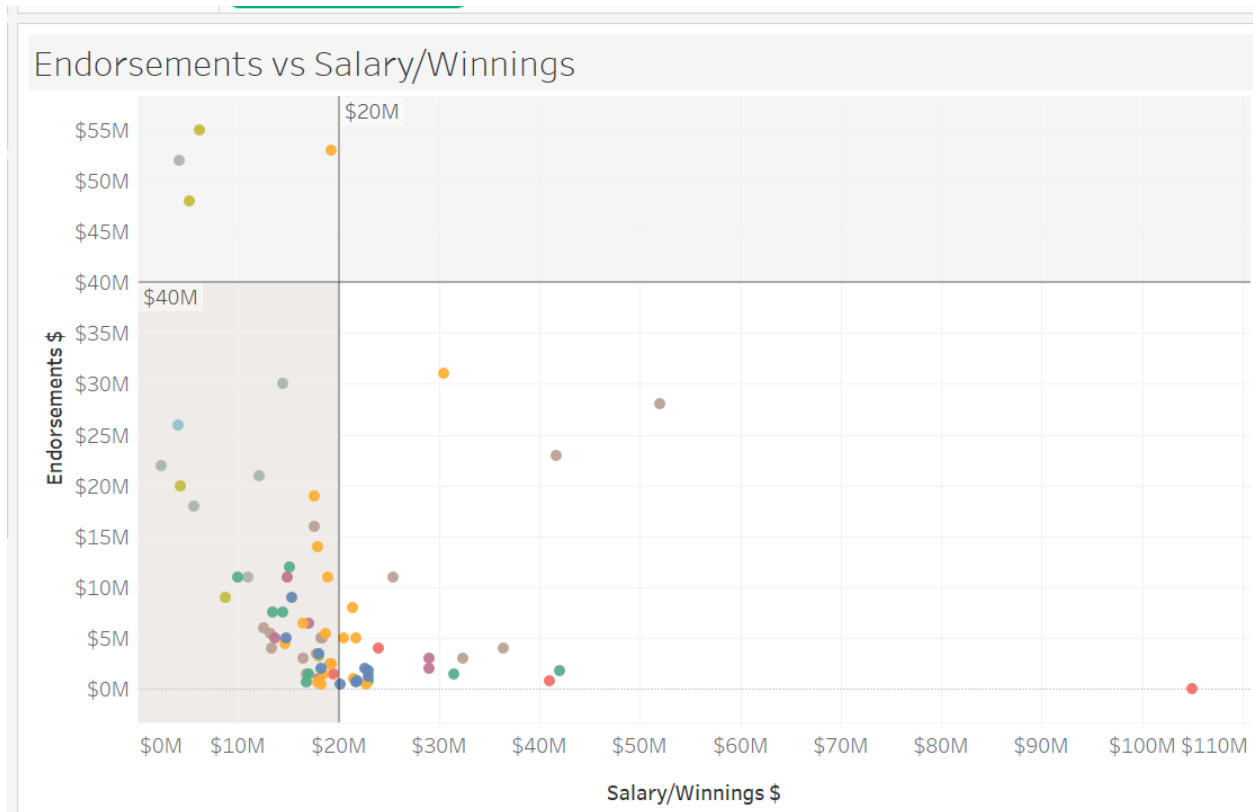
## Chapter.5.- Maps and Geospatial Visualization

### Using a Custom Background Image



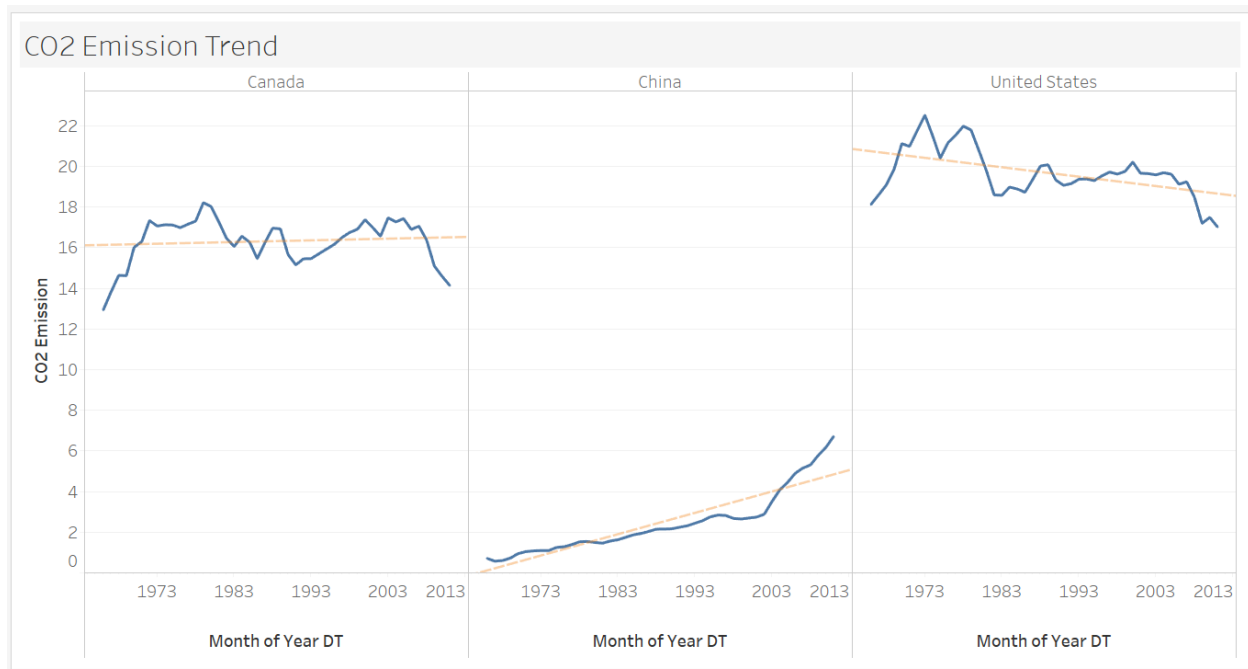
## Chapter.6.-Analytics

### Adding a Constant Line



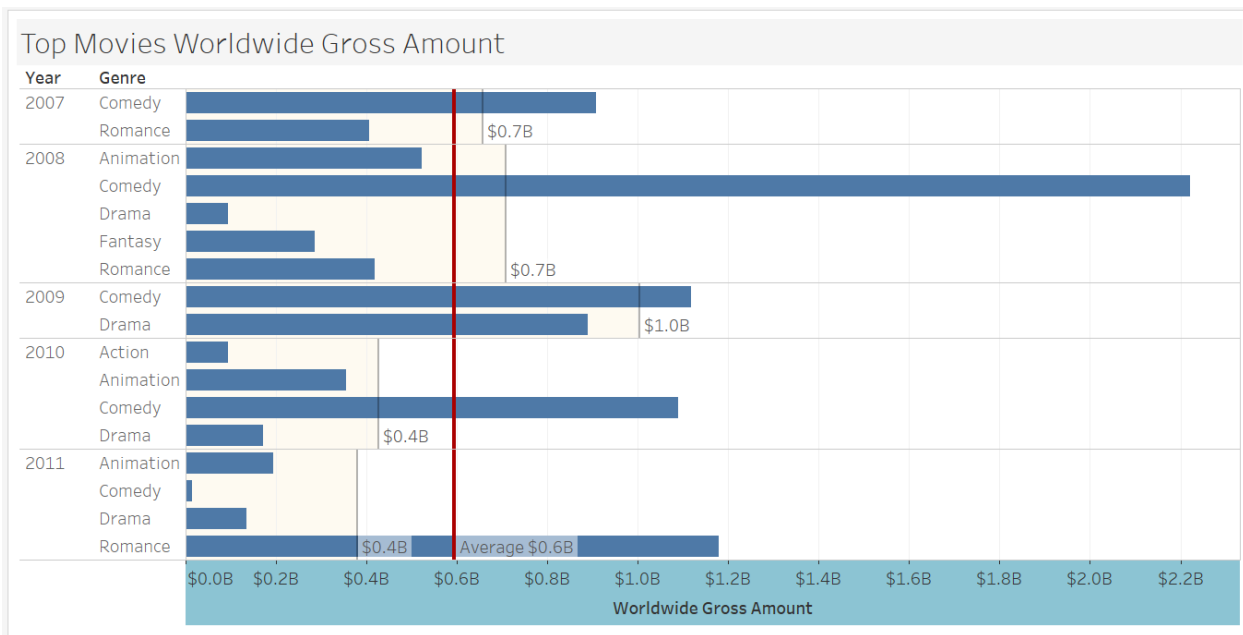
## Chapter.6.-Analytics

### Adding a Trend Line



## Chapter.6.-Analytics

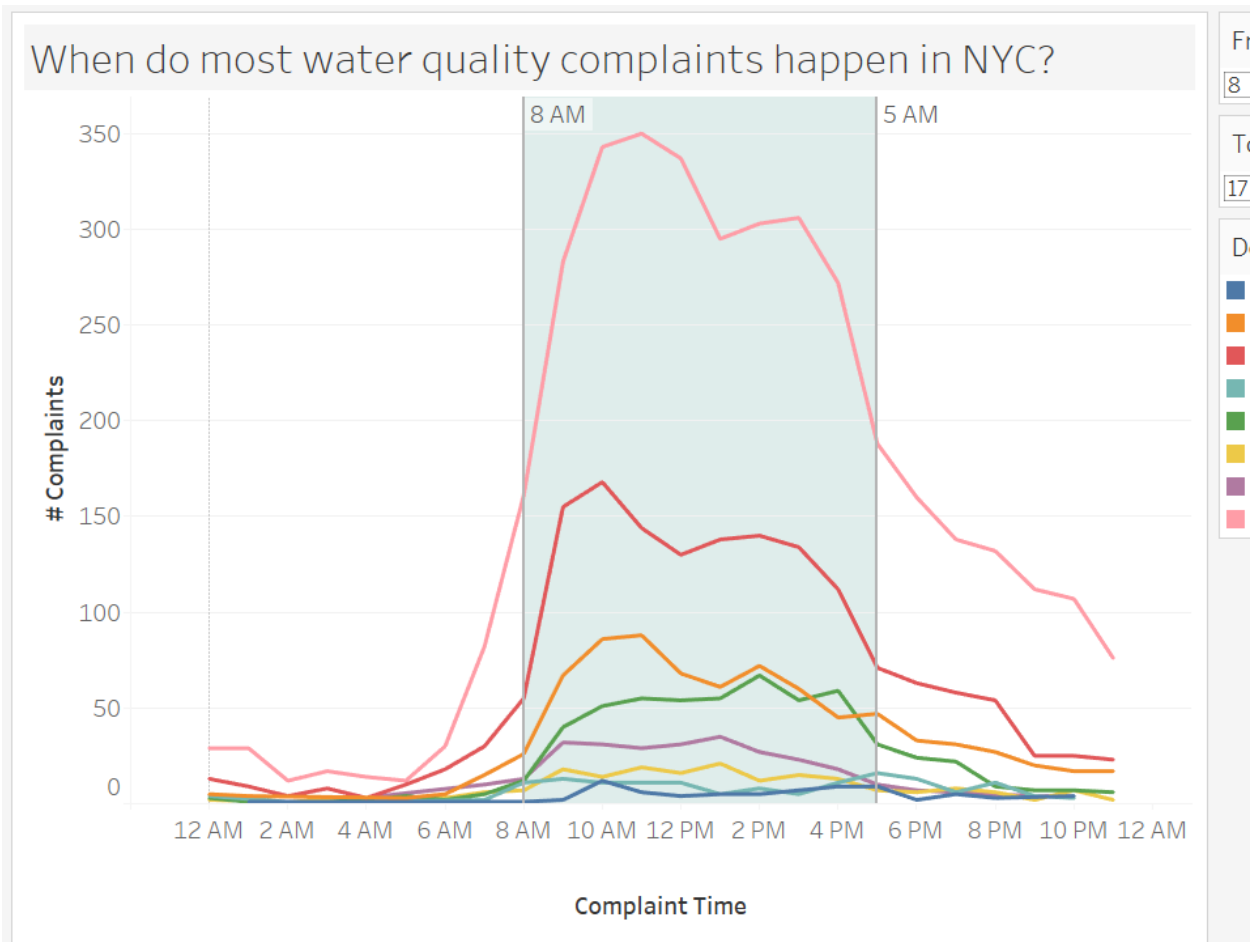
### Using a Reference Line





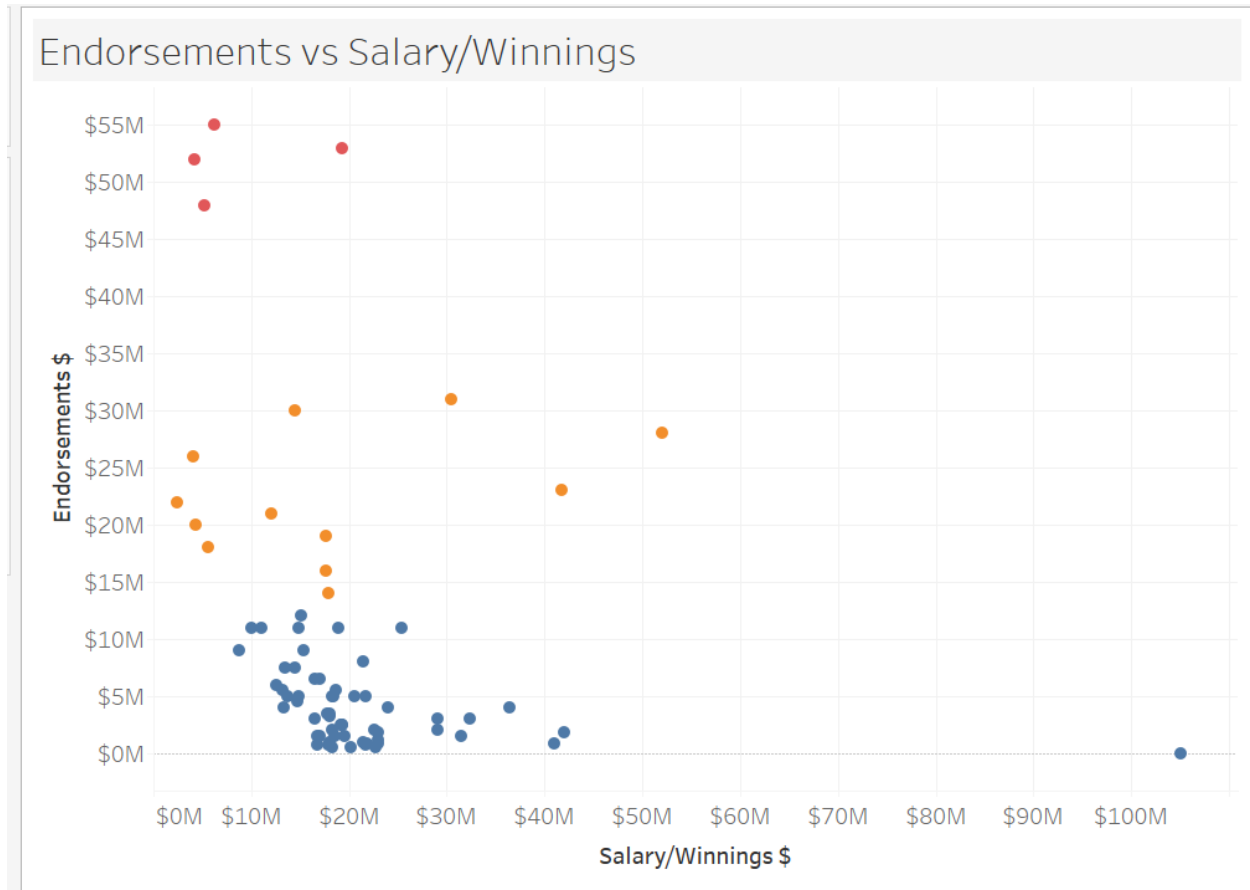
## Chapter.6.-Analytics

### Adding a Reference Band



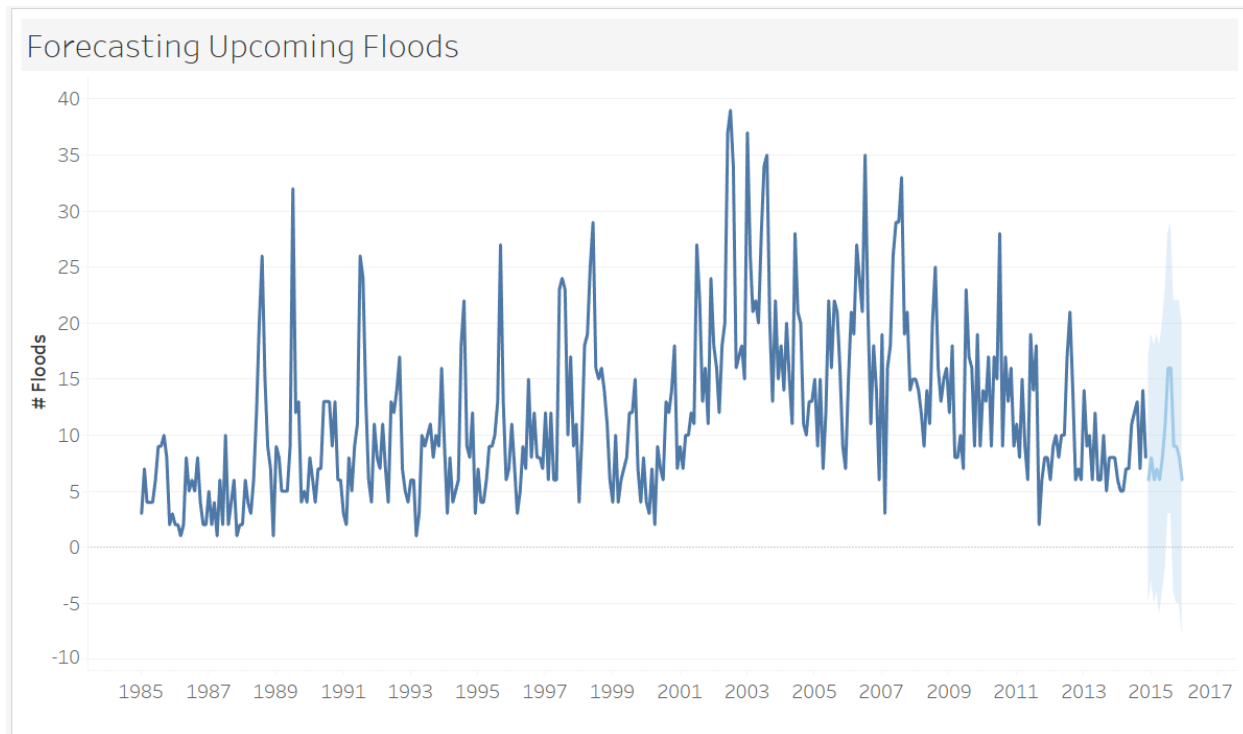
## Chapter.6.-Analytics

### Performing Cluster Analysis



## Chapter.6.-Analytics

### Visualizing a Forecast



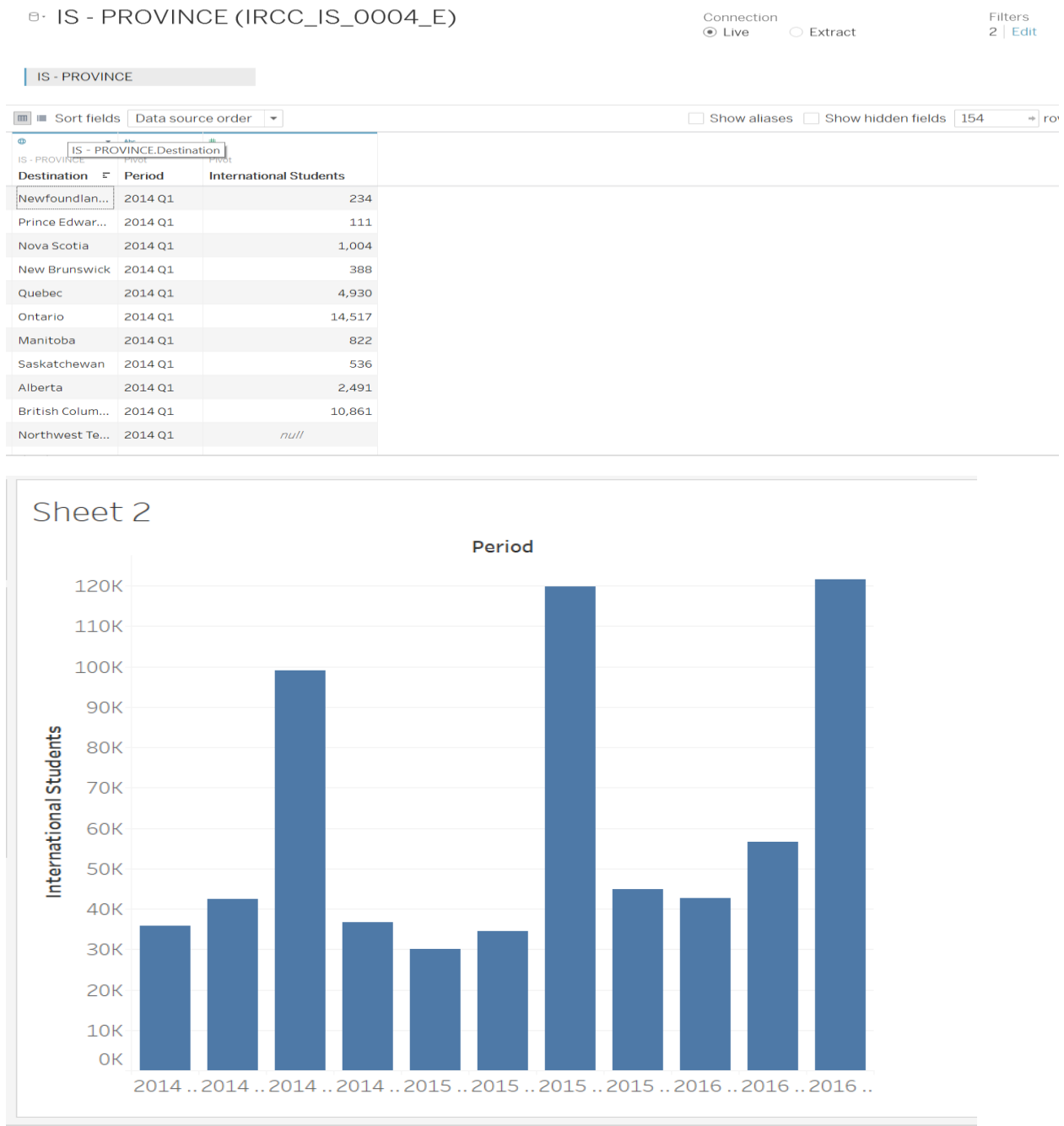
## Chapter.6.-Analytics

### Performing Linear Regression with R

Note: The book had problem with this visualization.  
This requires installing R. Hence, skipping this section.

## Chapter.7.-Data Preparation

### Using the Data Interpreter and Pivot



## Chapter.7.-Data Preparation

### Using the Legacy Jet Driver

Note: This required SQL installed. I tried but couldn't do it.

## Chapter.7.-Data Preparation

### Using schema.ini to Resolve Data Type Issues

Note: I tried but couldn't do it.

## Chapter.7.-Data Preparation

### Using schema.ini to Resolve Data Type Issues

Note: I tried but couldn't do it.



## Chapter.7.-Data Preparation

### Using Union

Note: I tried but couldn't do it.

## Chapter.7.-Data Preparation

### Using Join

Note: I tried but couldn't do it.

## Chapter.7.-Data Preparation

### Using Blend

Note: I tried but couldn't do it.