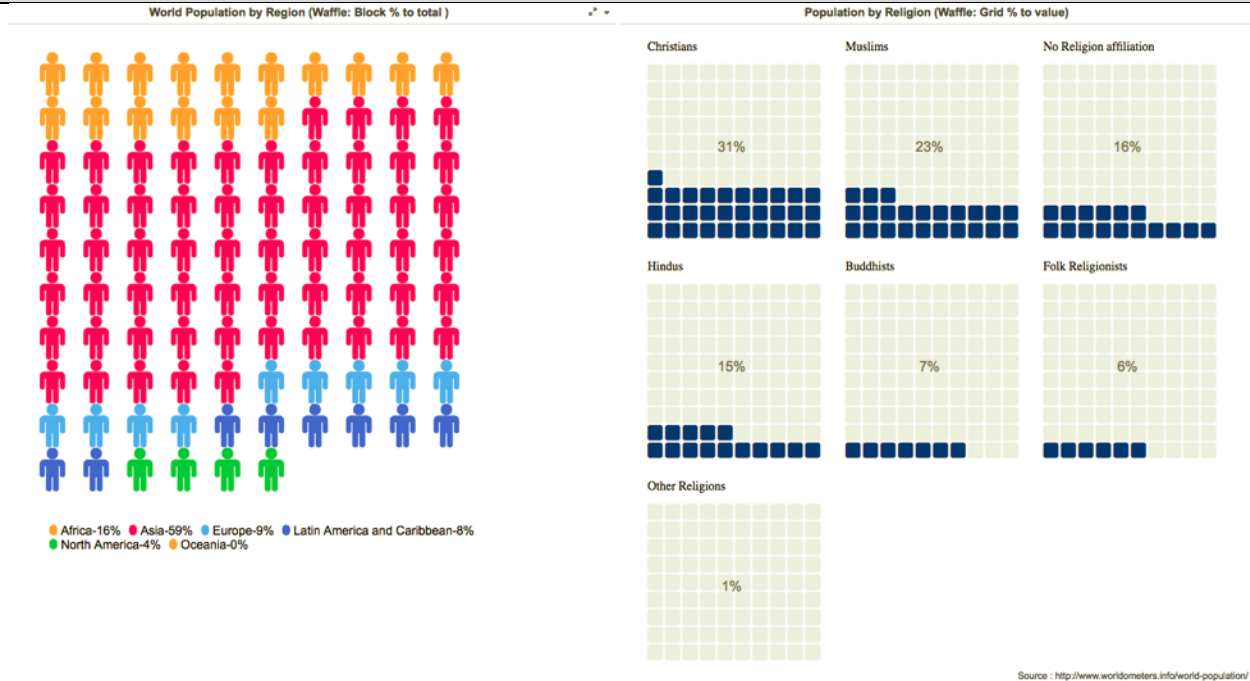# CMPT 767 – Visualization Week 11 Journal – D3 Visualization

Date: 19th November 2019

Name: Anurag Bejju (301369375)
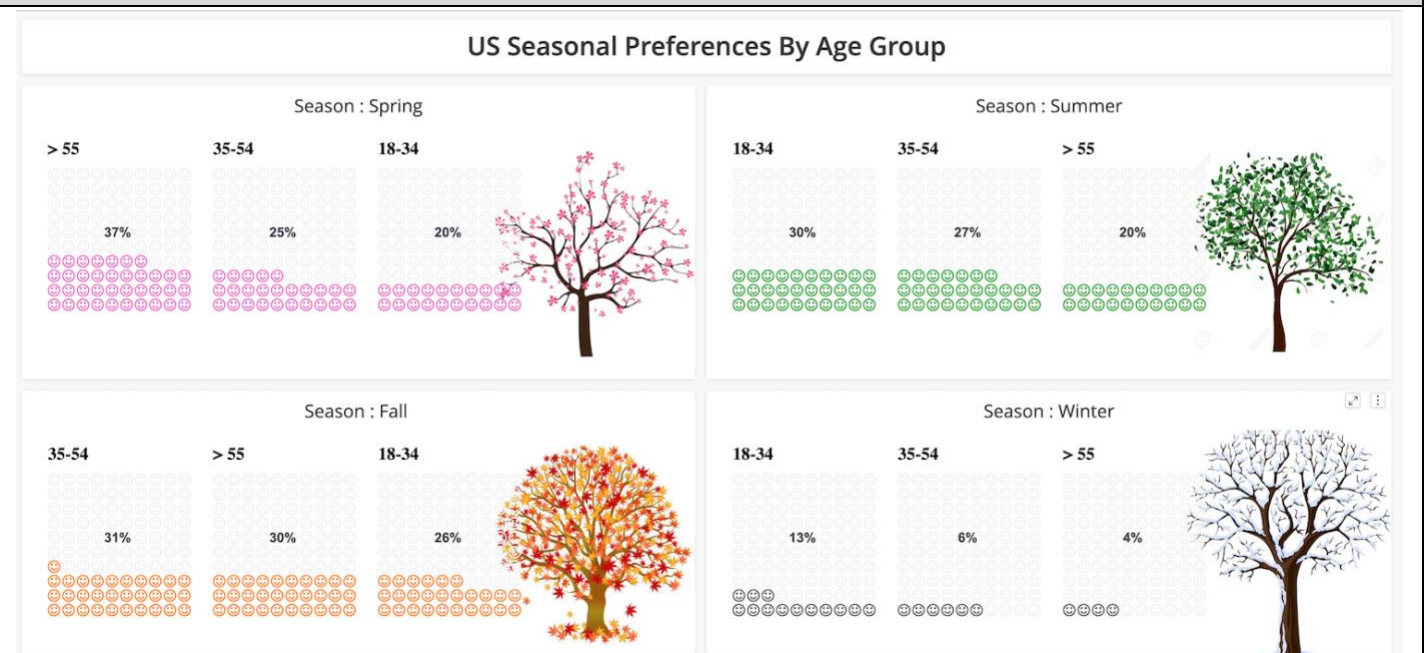

Visualization 1

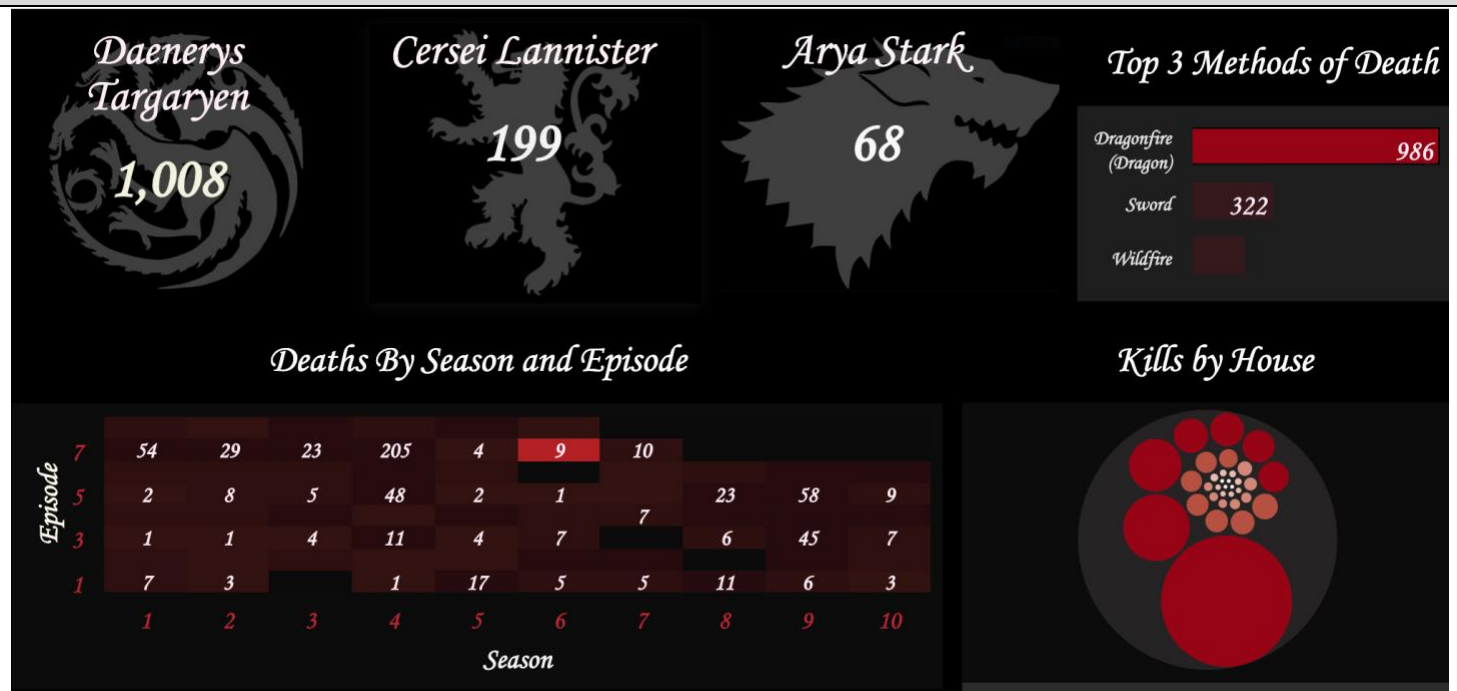| Opinion	I like how you can represent same data in two very effective methods

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Visualization 2

Opinion	This was a cool visualization showing seasonal preference by age group

Visualization 3

Daenerys Targaryen
1,008

Cersei Lannister
199

Arya Stark
68

Top 3 Methods of Death

Dragonfire (Dragon)	986
Sword	322
Wildfire	

Deaths By Season and Episode

Episode										
7	54	29	23	205	4	9	10			
5	2	8	5	48	2	1		23	58	9
							7			
3	1	1	4	11	4	7		6	45	7
1	7	3		1	17	5	5	11	6	3
Season	1	2	3	4	5	6	7	8	9	10

Kills by House

Opinion	This visualization was really good at summarizing the very complicated Game of Thrones Data

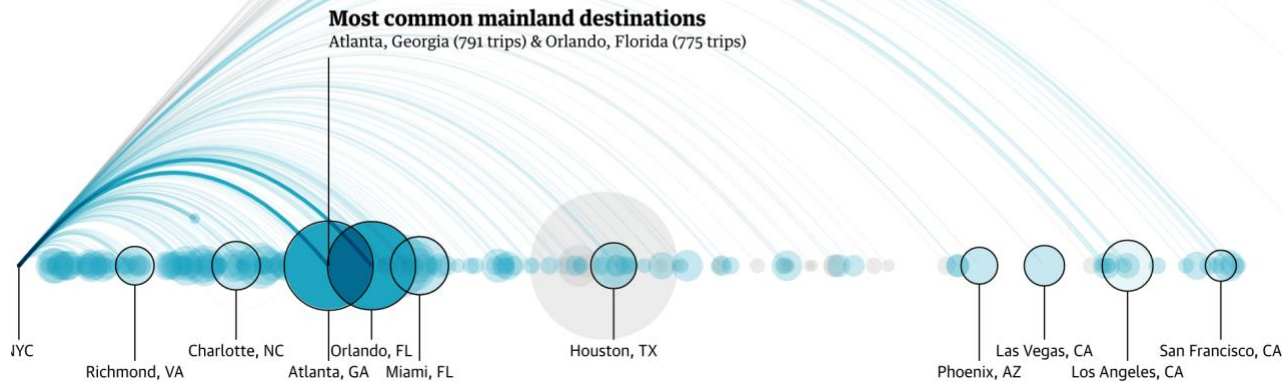## Visualization 4
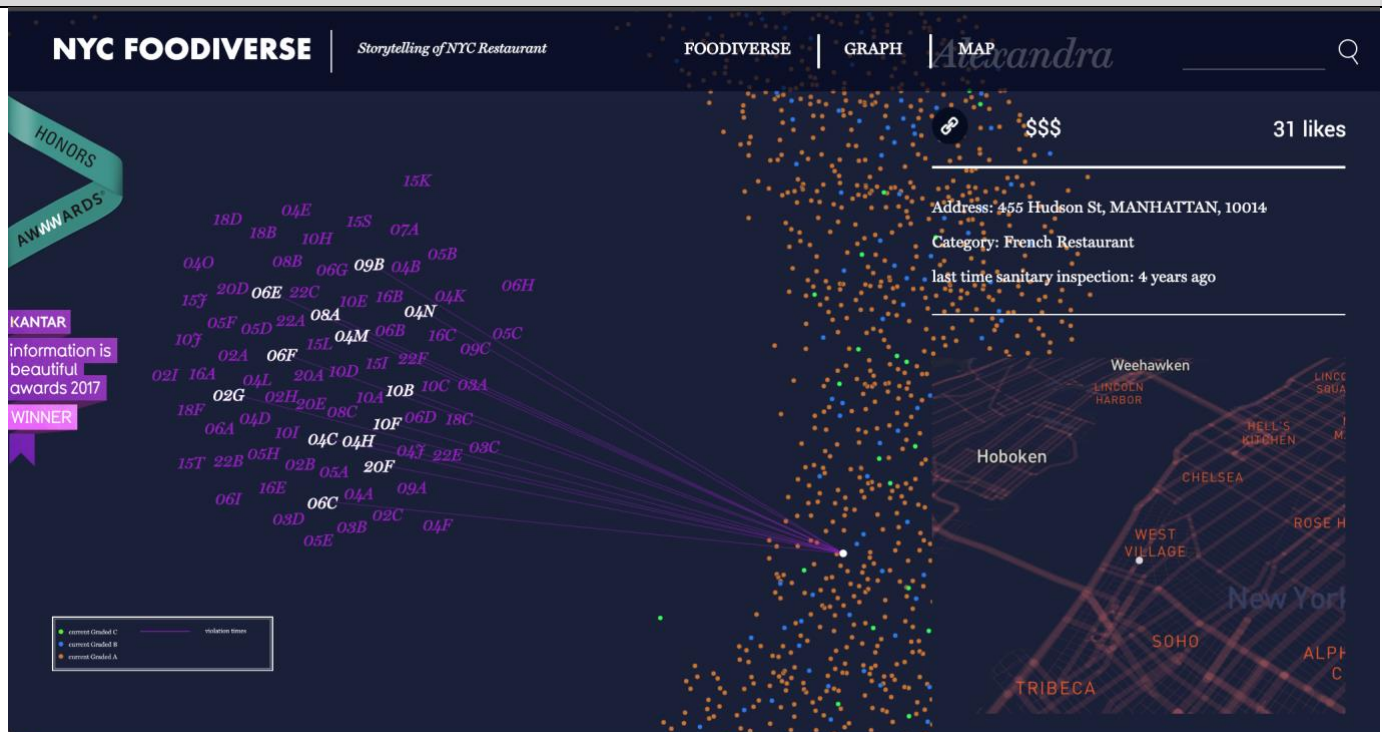
Opinion	The animation done inside this visualization is extraordinary

Visualization 5

Homeless relocations from New York City

The most popular US mainland destinations were two cities in the South:
Orlando, Florida, and Atlanta, Georgia.

Most common mainland destinations
Atlanta, Georgia (791 trips) & Orlando, Florida (775 trips)

NYC

Richmond, VA

Charlotte, NC

Orlando, FL
Atlanta, GA   Miami, FL

Houston, TX

Las Vegas, CA
Phoenix, AZ   Los Angeles, CA

San Francisco, CA

Opinion	This does a great job at showing the relocation trajectory from NYC

Visualization 6

Here you can see the data that was used to train the tree flow through the tree.

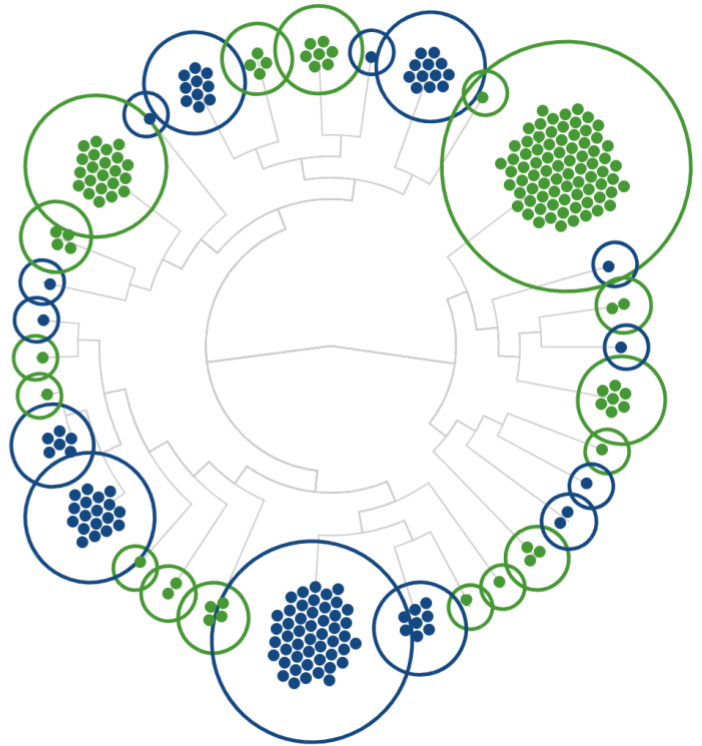This data is called **training data** because it was used to train the model.

Training Accuracy
65/65   100%   80/80
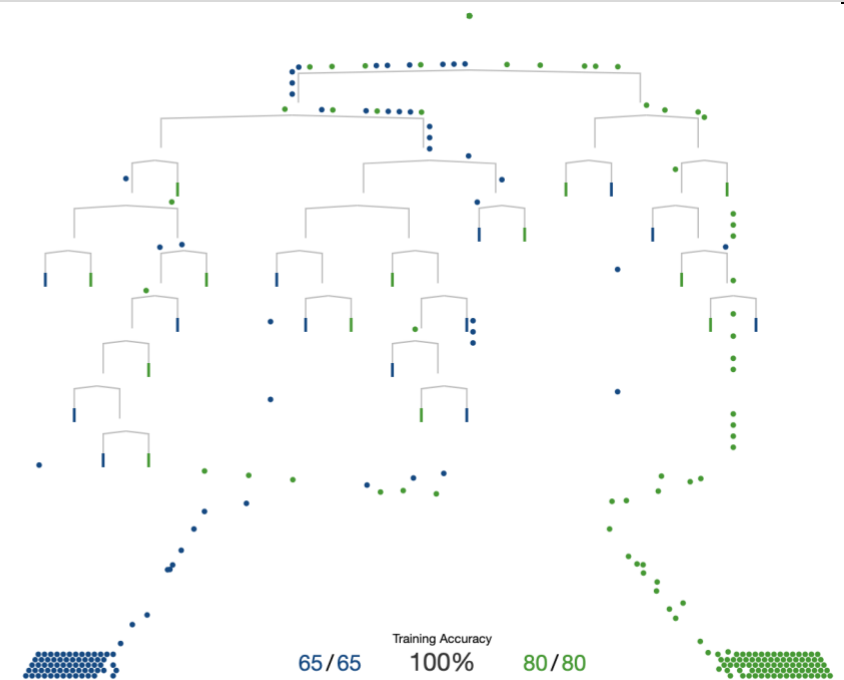
Opinion	The animation inside this viz was really good

Overly complex

Additional splits allow the tree to take into account more complexity. You can add splits until a tree's leaf nodes contain only homes in either San Francisco or New York.

| **Opinion** | The designer came up with a unique was to explain ML algorithm using this viz |