Project 8 Peer Review

Algorithmic Design					
Correct Implementation — Does the algorithm appear to produce the correct result, given your knowledge of the data?	☐ No	☐	☐ Minor Errors	☐	☐ Appears Correct
	Comments:				
Efficient Implementation — Is the performance (speed) of the algorithm what you expected? Is it slower? Is it faster?	☐ Much Slower	☐	☐ As Expected	☐	☐ Much Faster
	Comments:				
Featureful Implementation — Does the implementation contain the basic required features or are additional features included?	☐ Major Features Missing	☐	☐ As Expected	☐	☐ Major Features Added
	Comments:				

Visual Design				
Visual Channels — What visual channels were used to encode data?	☐ Position ☐ Depth ☐ Angle	☐ Curvature ☐ Shape ☐ Length	☐ Area ☐ Volume ☐ Luminance/ Saturation	☐ Color Hue ☐ Texture ☐ Motion/ Animation
	Comments:			
Intended/Unintended Encodings — Do all of the visual encoding appear to be intended, or were some accidentally created?	☐ Many Unintended	☐	☐ Few Unintended	☐ All Intended
	Comments:			
Expressiveness of Encodings — Are the visual encodings attached to the correct type of data for that encoding (i.e. are quantitative data attached to quantitative encodings and categorical data to categorical encodings)?	☐ Many Errors	☐	☐ Few Errors	☐ Correctly Assigned
	Comments:			
Effectiveness of Encodings — Have the maximally effective visual encodings been selected in all cases?	☐ Many Ineffective	☐	☐ Few Ineffective	☐ Most Effective
	Comments:			
Effective Use of Color — Is color used in a same fashion? Do the colors chosen and the application of those colors make the visualization effective?	☐ Mostly Ineffective	☐	☐ None Used	☐ Highly Effective
	Comments:			

Design Considerations					
Clear, Detailed, and Thorough Labeling — Is appropriate and complete labeling used throughout or do missing labels require assumptions about the data?	☐ No labels	☐	☐ Some Missing labels	☐	☐ Completely labeled
	Comments:				
Missing Scales — Are scales provided for the data?	☐ No Scales	☐	☐ Some Missing Scales	☐	☐ All Scales Present
	Comments:				
Missing Legend — Is a legend provided for the data? Does the legend provide useful information?	☐ No Legend	☐	☐ Incomplete Legend	☐	☐ Complete Legend
	Comments:				
Scale Distortion — Is any scale distortion or deception used in the visualization?	☐ Severe Distortion	☐	☐ Minor Distortion	☐	☐ No Distortion
	Comments:				
Lie Factor — Is there any lie factor? How extreme is the lie factor?	☐ Major Lie	☐	☐ Minor Lie	☐	☐ No Lie
	Comments:				
Data/Ink Ratio — Is the data to ink ratio reasonable? Could it be more efficient?	Way Too ☐ Little / ☐ Much Ink	☐	Slightly Too ☐ Little / ☐ Much Ink	☐	☐ Perfect Amount of Ink
	Comments:				
Junk, Embellishments, Aesthetics — Are appropriate embellishments used? Are the embellishments distracting? Do the embellishments add to the visualization?	Way Too ☐ Few / ☐ Many Embellishments	☐	A Bit Too ☐ Few / ☐ Many Embellishments	☐	☐ Perfect Number of Embellishments
	Comments:				
Data Density — Has too much data been included in the visualization making interpretation difficult?	☐ Too Sparse	☐	☐ Expected	☐	☐ Too Dense
	Comments:				
Gestalt Principals — Have Gestalt principals been used to improve analysis?	☐ No Gestalt Principals	☐	☐ Some Gestalt Principals	☐	☐ Many Gestalt Principals
	Comments:				