

URL

<http://rcook4.github.io/>

Title

Final Project - Create a Narrative Visualization

Essay

Messaging

You might expect that there will be a strong positive correlation between customer satisfaction and premiums written for auto insurance companies. For this project that was not the case.

Narrative Structure

This interactive slideshow includes the ability to "drill-down" for additional details through tooltips which appear during mouseover of chart lines.

Visual Structure

The OPENING scene explains what data is to be looked at, why it has value and in the order of the journey of the reader. Each remaining scene includes the writer's comments highlighting important data items. These are always above the one line chart which uses

a consistent color per company and visual style to include movement toward the upper right consistently being considered improvement. There is an italicized note to the reader informing them of existing tooltips. The NEXT and TOGGLE ANNOTATIONS buttons are consistently organized.

Scenes

There is an OPENING scene detailing the hypothesis, data, test, results and references. They are ordered as a sequence of hypothesis tests and therefore in a building the evidence of proof progression.

Annotations

There exists annotations about the suspect data for the years 2015 and 2016. They follow from chart to chart since the same dataset is being used for each one.

Parameters

There is a parameter for annotation visibility controlled by TOGGLE ANNOTATIONS buttons for setting both the initial and current state of displayed charts.

Triggers

A top of screen navigation menu exists which will be familiar to any reader, providing a trigger for transition to any scene. Additionally there exists a bottom of screen NEXT button which triggers transition to the subsequent scene.

Resources

- <https://data.ny.gov/Government-Finance/Automobile-Insurance-Company-Complaint-Rankings-Be/h2wd-9xfe>
- <https://codepen.io/zakariachowdhury/pen/JEmjwq>