Graded Assignment: 7-3-3 Create a Narrative Visualization

About the Visualization

This project is based on interactive slide show. Each slide has similar template, fonts, bar graphs, hue and tooltip to provide visual consistency on scene. Final chart alone is shown in map as it would be easier to visualize the sales by state in a map than on bar graph. Slides are ordered in a way to convey the message efficiently.

This project has been developed using D3 libraries, HTML, CSS and SVG.

User Interface Events

The menu items along with the prep and next button in the navigation bar of this page enable the User Interface events. User interacts by clicking on the button or menu items to navigate to various part of this story. The mouse hover is another user interface event. The hover event allows proper positioning of the tooltip. As mouse moves from one bar to another, changes in X and Y position causes opacity to revert to its original state in the previous selection and change in the new selection.

Annotations

Annotations are provided in appropriate places in each chart, which is highlighted in different color and a tooltip, when mouse is hovered over the bars and maps.

Triggers

The mouse click acts as a trigger event for navigation. The mouse hover (mouseover) event is a trigger for the tooltip in the charts and map.

Parameters

The name of the target page is passed as an input parameter to the button and navigation bar items. Based on the user selection, appropriate page is displayed.