

My dataset is a list of flights in the year 2015, each with information about scheduled and actual departure and arrival times, which are used to calculate various metrics of flight delays. As for which methods I will use to tell a story with this data, the first step is to analyze the data myself and find a story to tell. I suspect, for example, that some airlines have much worse flight delay records than other airlines. Highlighting the poor performing airlines could be an important part of my visualization. I liked the idea of the “martini glass” model from the reading: Perhaps I can open my visualization with a linear demonstration of these poor-performing airlines, and then open up the visualization to allow the user to explore the data on their own, looking for other insights that might be meaningful to them in particular (such as, for example, delays from a particular city). It should be noted that airlines with excessive delays are not the only story I could tell from this data: stories about different airports and other factors could emerge, so it would be good to allow the user to explore on their own. Details-on-demand features could also help with this: given the volume of the dataset, it will be impossible for the details of every flight to be shown; however, allowing a user to hover or click on the outliers to reveal more information about those data points could become a relevant feature.