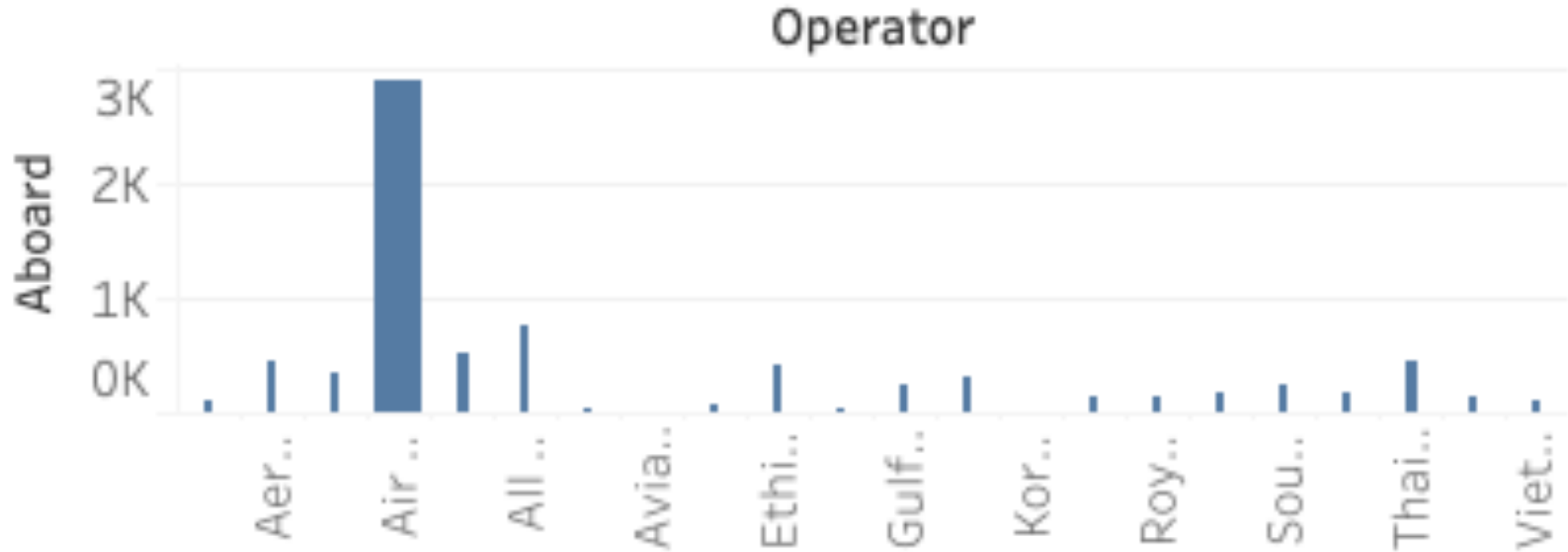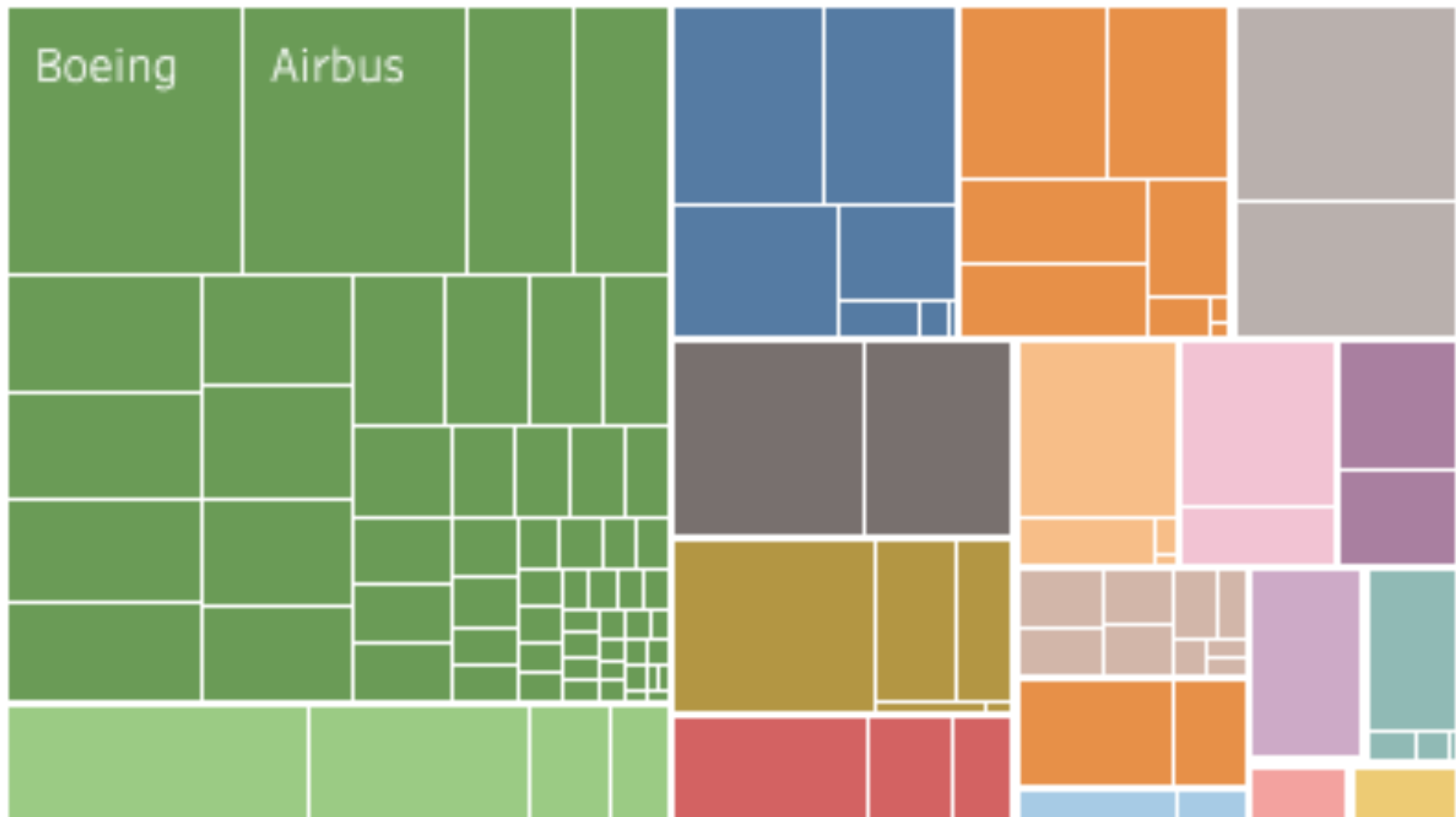# Airlines

File created on: 12/22/19 3:34:01 PM CST

Airlines

Based upon my research I have found the following trends. If you look at the images you will see that there is a correlation between the plane capacity and the year. As we have progressed in the years we have created bigger planes and allow for more people to travel at a single time. Also France Air has had the most fatalities in the airline business with the most amount of carriers. France Air has been used more since the 2000s as they are the carrier for popular tourist attractions that drive a huge amount of people to the locations every year. But since the 2000s looks like a lot of flights have had issues with landing or seeing when departing or arriving in the dark. From the hours of the 19 hour there seems to be an increase in the number of fatalities that have been reported due to some visibility issues. While filtering the data I see that a lot of the France Air fatalities have actually occurred in the morning hours while trying to arrive. It is my determination that sales will begin to go down as once there is a major issue in the Airline there could be possible stop of usage across the business out of fear. The data represents this by showing that there is a lull in the graph as the data trend goes down to no fatalities then it slowly begins to rise again in the upcoming year. This could be used to determine that more safety precaution is used then another factor is brought in, such as a new carrier that could cause a communications or navigation issue. This is backed up by viewing some of the biggest fatalities in the dataset and seeing that some kind of communication or navigation issue occurred causing a crash.

Airline Size

From what we can see here is that Air France has the biggest airline size in the industry. They are the biggest airlines in the industry and has the highest chance of an accident. Since Air France has the most people aboard their flights they have the highest probability of a big issue.
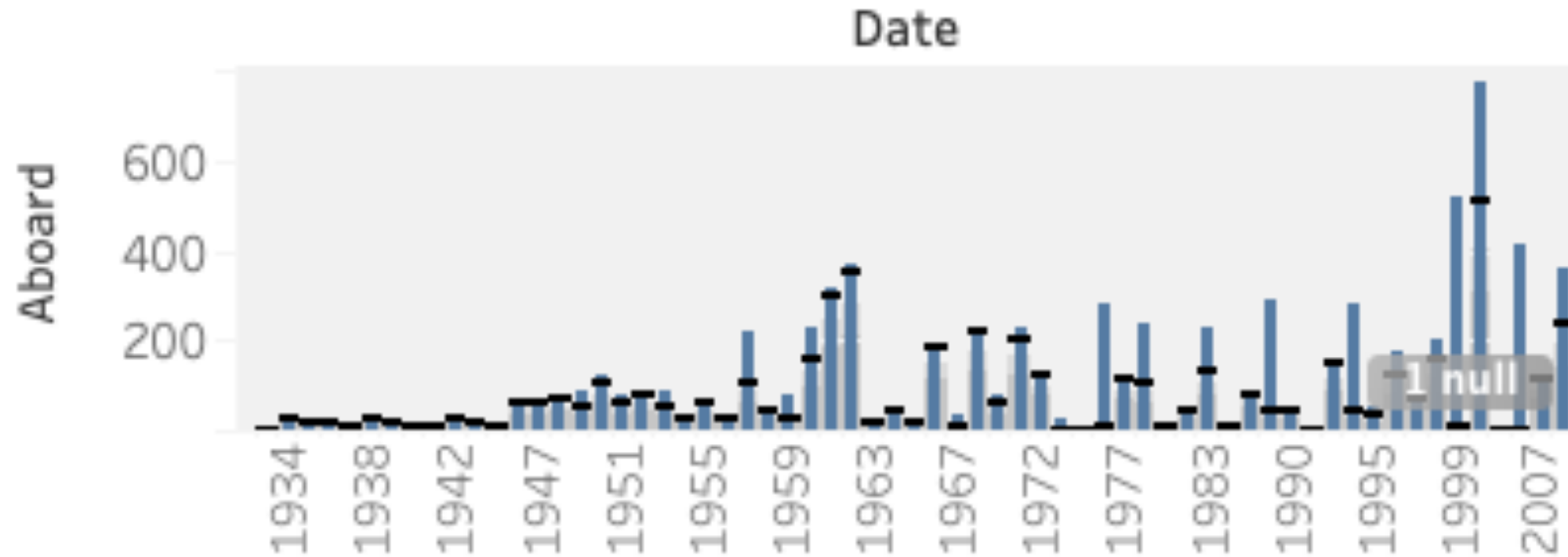
The Dark green represents all of the Air France planes that have had crashes or fatalities in the industry. As you can see they have majority of the fatalities that have occurred since 1934.

Time

From the hours of the 19 hour there seems to be an increase in the number of fatalities that have been reported due to some visibility issues. While filtering the data I see that a lot of the France Air fatalities have actually occurred in the morning hours while trying to arrive.

Plane Capacity

When there is a high number of customers aboard the planes we find that it is fatalities is more likely. Then after a high fatality number aboard we can see that the number of fatalities has gone down due to less customers being willing to fly.

Fatalities By Year

Looking at this graph we can see that the year following a high amount of fatalities there was a drop in fatalities. This can occur from there being less customers that are willing to flight the next year. This will cause sales and fatalities to decrease.