



Customizing Your Data – Assignment

**Basic**



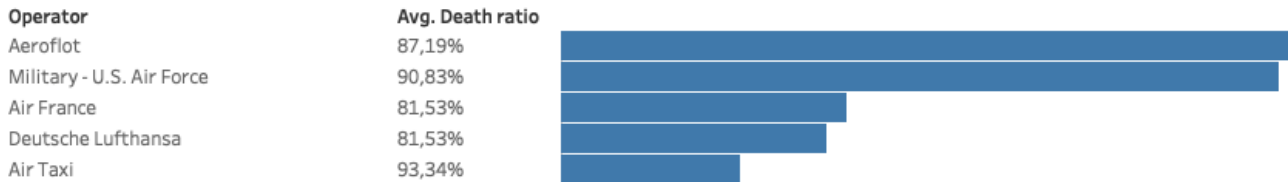


I need to fly around Europe more and more thanks to my new job. Of course I'd like to travel as safe as possible, so let's try to find out which of the airlines is the safest by looking at the death ratio for all of the crashed planes! Watch out, in the data we're using, every single row equals a crashed plane.

Try to create the following **2** visualizations:

- Create a **bar** chart that shows the **amount** of **crashed planes** for each **operator**. **Sort** the bars **descending**.  
Next to each operator, we would like to see the **average** death ratio. This is a calculation that divides the **number of fatalities** by the **number of people aboard**.

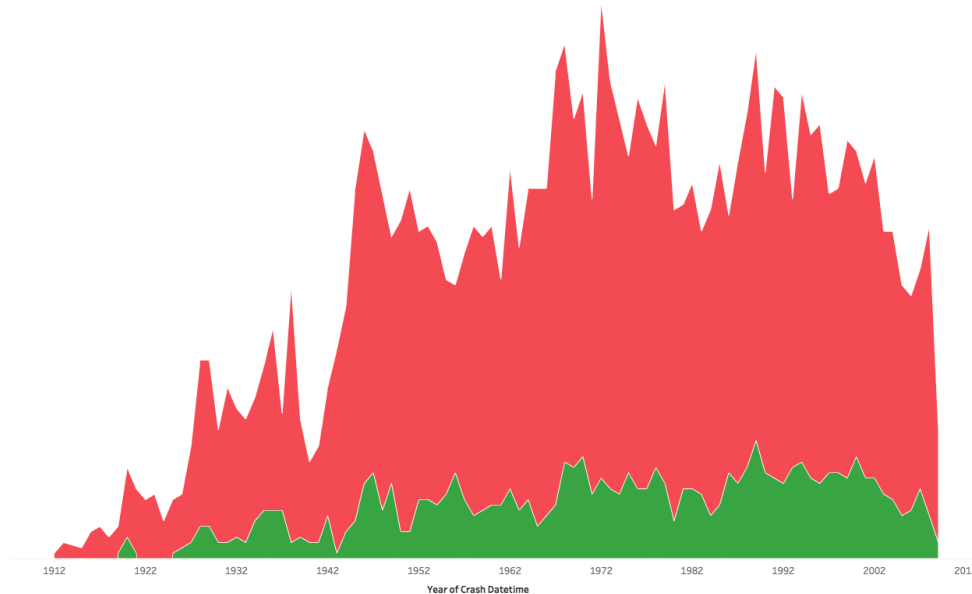
The result looks similar to this:





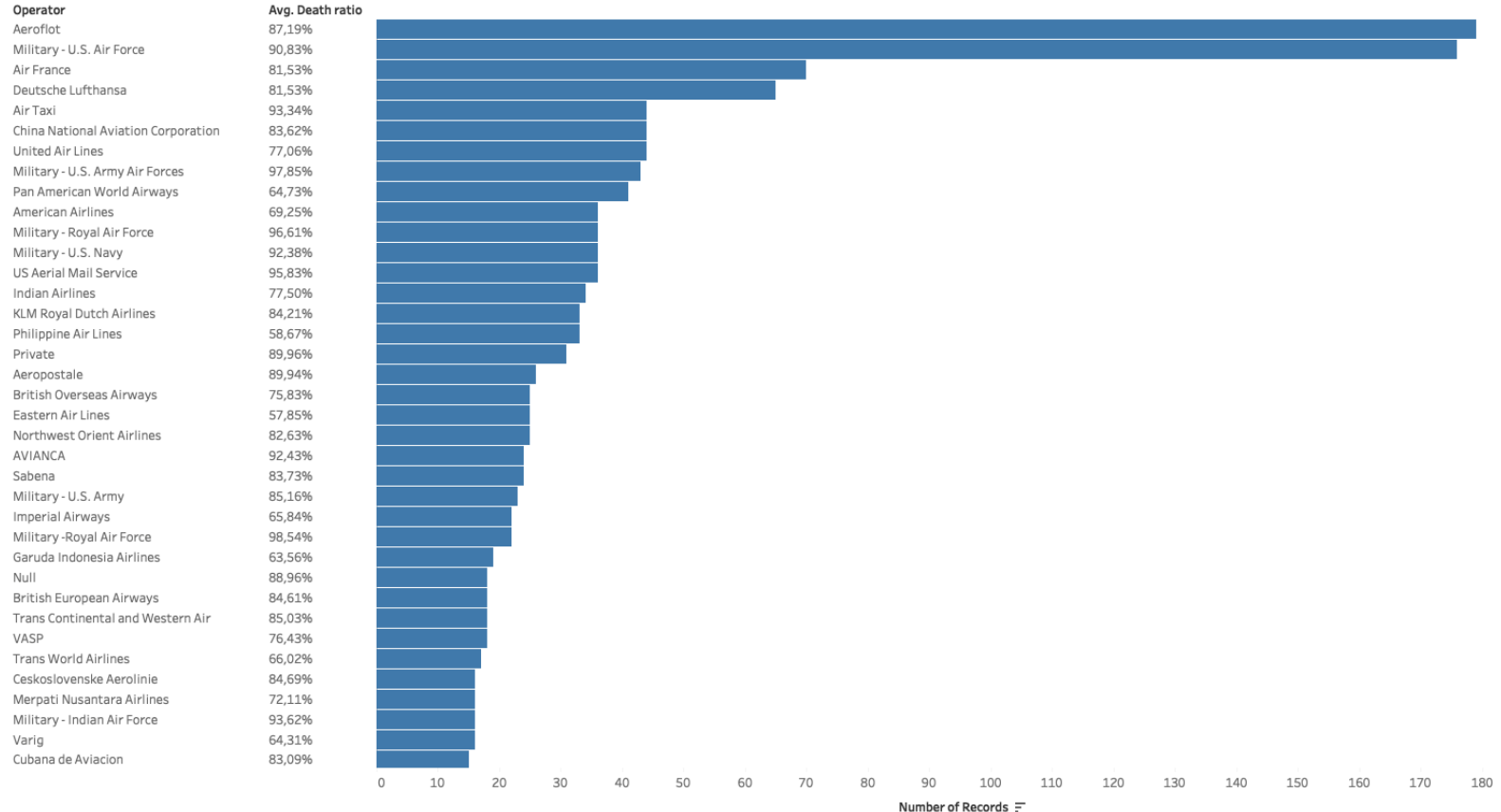
- Our second visualization will show the **amount** of **crashed planes** through time by using the **crash datetime**. We need to visualize this by using a **continuous area chart**. We would like to use color to indicate how many of the crashed planes had a **death ratio** lower than **50%**. This will be a new calculation

The result looks like this:





## 1. Avg Death Ratio per Operator





2. Plane crashes with Death Ratio &lt; 50%

