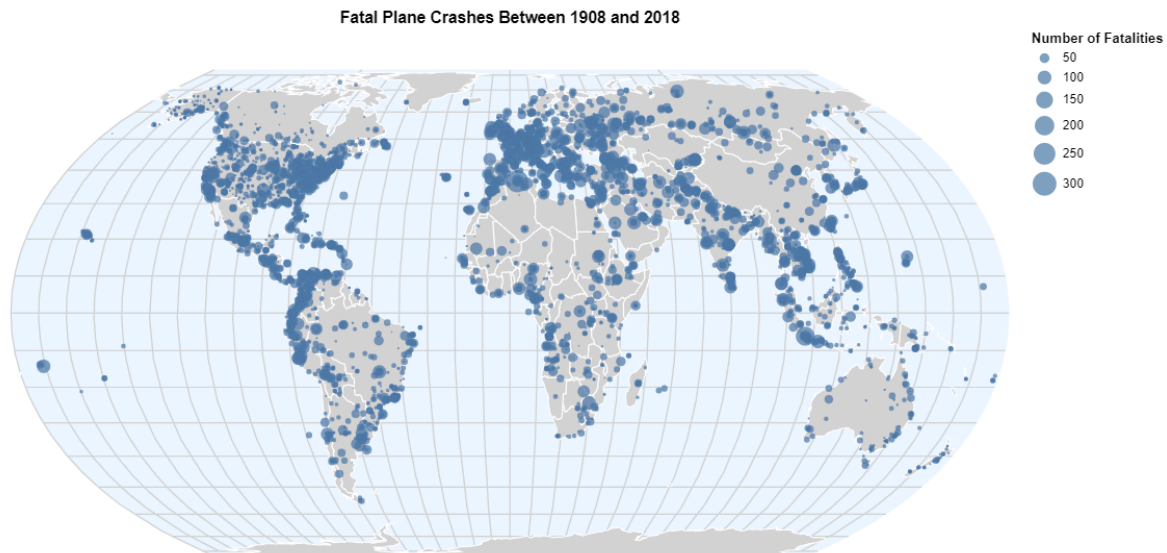


Name: Incy Lin  
Student ID: 30577292  
Tutor Name: Clair Pan

URL: <https://inkywinky.github.io/w9hw/>

Screen capture:



**Domain:**

- Plane crash location and fatalities

**Visualised Dataset:**

**Attributes:**

- Location of plane crash
- Number of fatalities from the plane crash

**Channels:**

- Vertical and horizontal position used to encode Location attribute
- Size channel used to encode quantity of fatalities

**Source:** <https://www.kaggle.com/datasets/saurograndi/airplane-crashes-since-1908>

**Author:** Open Data by Socrata

**Data transformation:** No data transformation was applied

**Justification for map idiom:** A proportional symbol map was used to represent the location of the plane crashes and the number of fatalities caused by each plane crash. This is because the data isn't based on area or population (cannot be normalised either) so the choropleth map would be unsuitable. A dot map would be unsuitable as it would not be able to efficiently encode the number of fatalities and only the location of the crashes.