DS-200 Proj2 Proposal

March 2024

**Team Members**

Nichol Flowers

Tonderai Madamba

**GitHub Repository**

[**Project2\_Nichol\_Tonderai**](https://github.com/UC-Berkeley-I-School/Project2_Nichol_Tonderai#:~:text=School/Project2_Nichol_Tonderai%20repository.-,Project2_Nichol_Tonderai,-Private)

**Data Set:**

[**https://www.planecrashinfo.com/database.htm**](https://www.planecrashinfo.com/database.htm)

The aviation accident database includes: All civil and commercial aviation accidents of scheduled and non-scheduled passenger airliners worldwide, which resulted in a fatality (including all U.S. Part 121 and Part 135 fatal accidents)

* All cargo, positioning, ferry and test flight fatal accidents
* All military transport accidents with 10 or more fatalities.
* All commercial and military helicopter accidents with greater than 10 fatalities.
* All civil and military airship accidents involving fatalities.
* Aviation accidents involving the death of famous people.
* Aviation accidents or incidents of noteworthy interest.

**Variables of Interest:**

* Year/Date
* Location
* Aircraft Type
* Fatalities

**What we plan to cover in the final report**

Identify plane crash trends from 1920 – 2024:

1. Plane crashes By Location

2. Relationship between fatalities & Aircraft Type

3. Volume of crashes over time

4. Survival rate

5. By Year

6. By Season