

AIRPLANE CRASHES AND FATALITIES ANALYSIS (1948 - PRESENT)

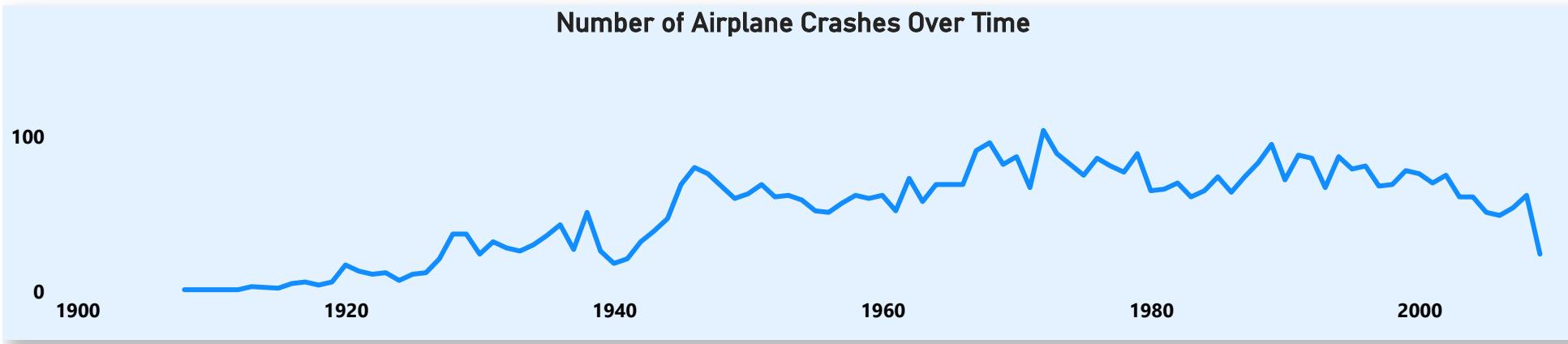
OBJECTIVES - This project analyzes the patterns of historical plane crash data to identify trends in crash frequency, fatalities, and overall safety over time.

Year	Type
1908	AAC-1 Toucan
2009	AEGK
	Aermacchi MB-339PAN...
	Aero Commander 520
	Aero Commander 500A
	Aero Commander 500-B

5268
Total Crashes

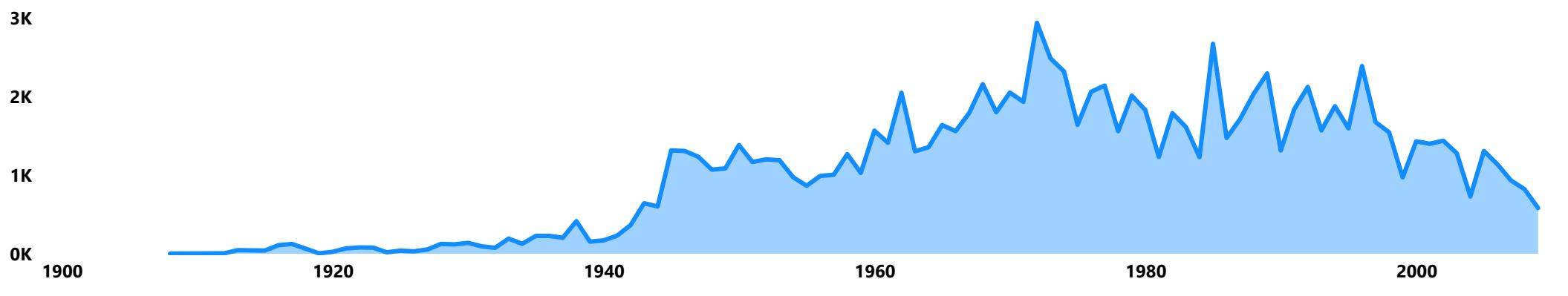
73%
Fatality Rate

105K
Total Fatalities

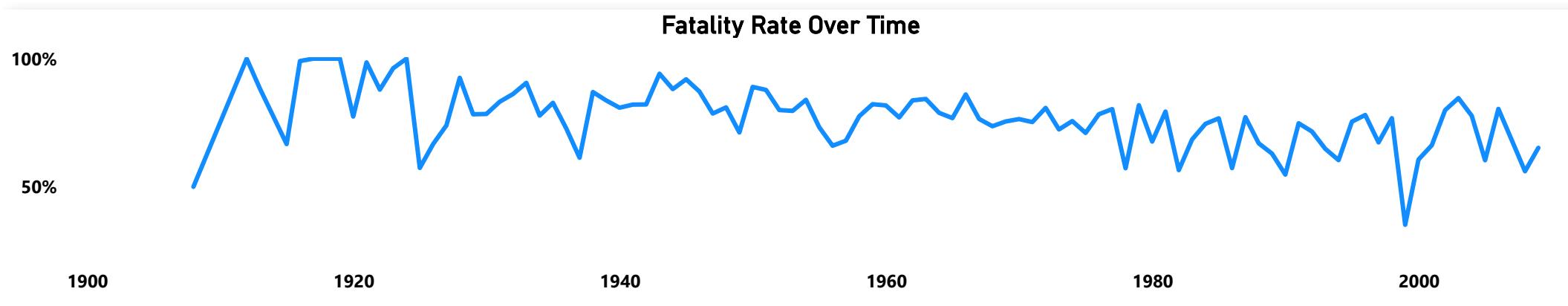


Crash frequency increased steadily until the 1970s, followed by a gradual decline, suggesting improvements in aviation safety.

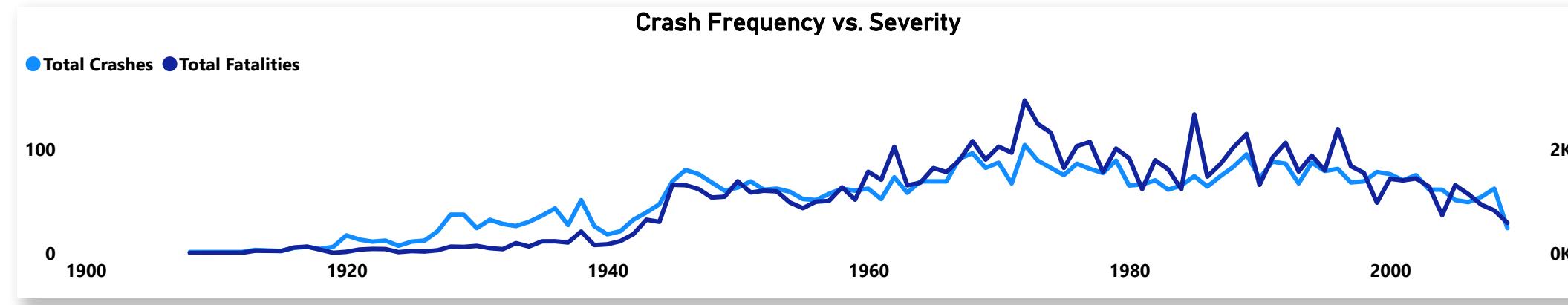
Total Fatalities by Year



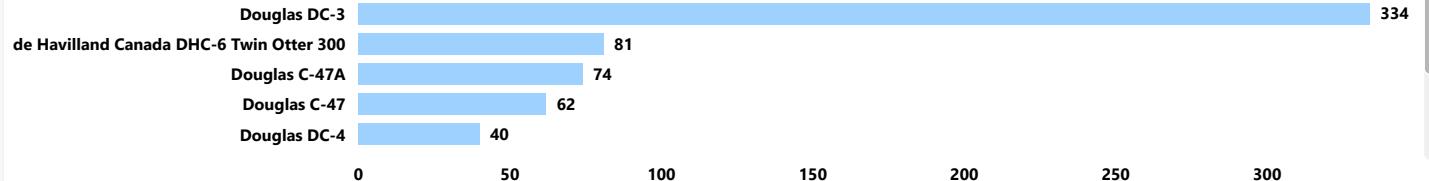
Fatality Rate Over Time



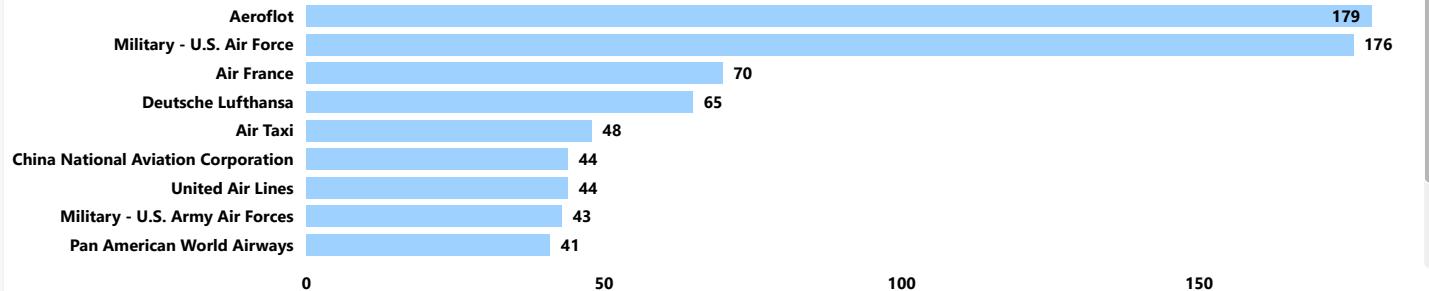
Crash Frequency vs. Severity



Top 10 Aircraft Type By Number Of Crashes.



Top 10 Operators by Number of Crashes



Type

- AAC-1 Toucan
- AEGK
- Aermacchi MB-339P...
- Aero Commander 5...
- Aero Commander 5...
- Aero Commander 5...
- Aero Commander 5

Year

1908
2009

Total Fatalities	Total Crashes	Type	Fatality Rate
35	1	Zeppelin LZ-129	36%
21	1	Zeppelin L-8 (airship)	51%
22	1	Zeppelin L-70 (airship)	100%
23	1	Zeppelin L-59 (airship)	100%
19	1	Zeppelin L-53 (airship)	100%
18	1	Zeppelin L-44 (airship)	100%
24	1	Zeppelin L-43 (airship)	100%
20	1	Zeppelin L-34 (airship)	100%
22	1	Zeppelin L-32 (airship)	100%

AIRPLANE CRASHES AND FATALITIES ANALYSIS (1948 - PRESENT)

5268

Total Crashes

105K

Total Fatalities

73%

Fatality Rate

Type

AAC-1 Toucan

AEGK

Aermacchi MB-339PAN (3 a...)

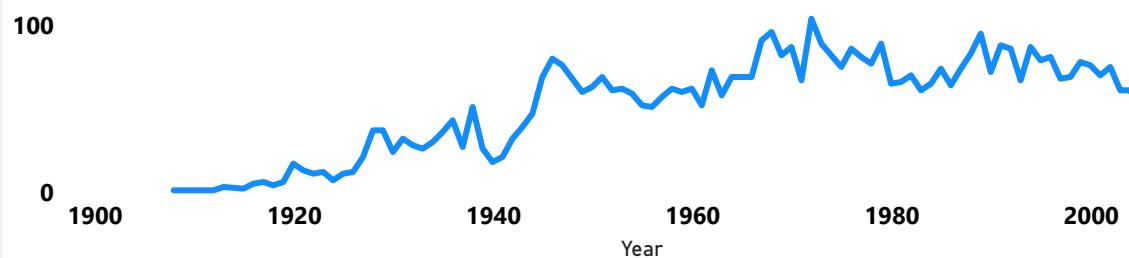
Aero Commander 520

Year

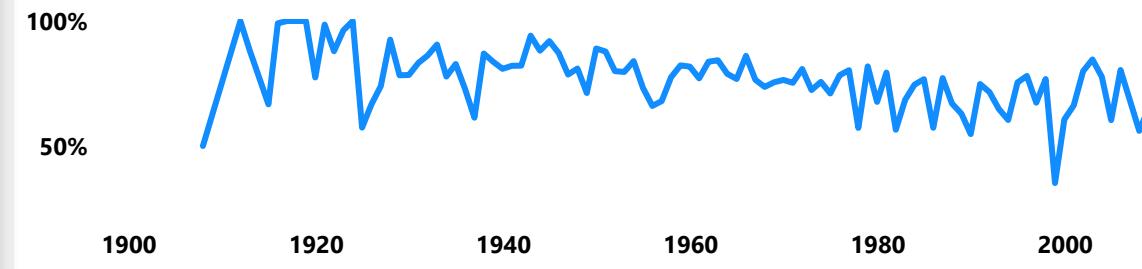
1908

2009

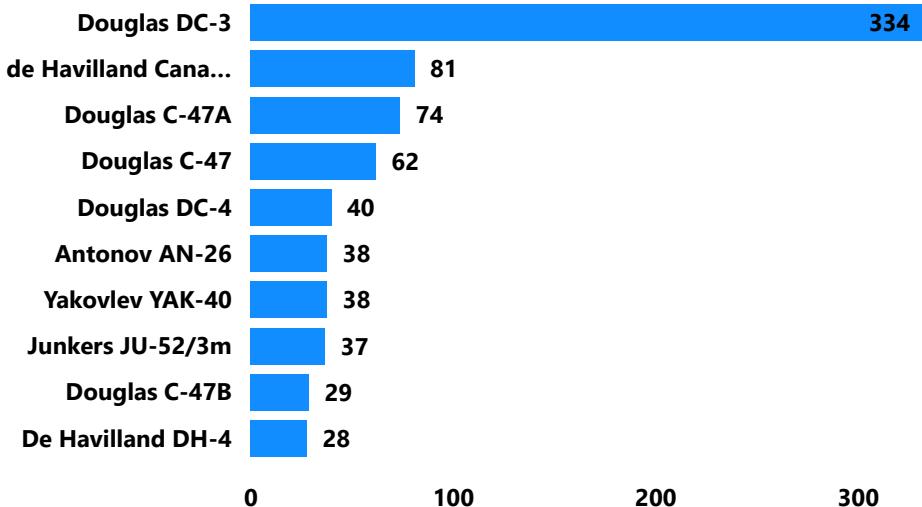
Total Crashes by Year



Fatality Rate by Year



Top 10 Crashes by Airplane Type



Top 10 Operators by Number Of Crash

