

# 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

19082009

Type

☐

AAC-1 Toucan

☐

AEGK☐☐☐☐

5268

Total Crashes

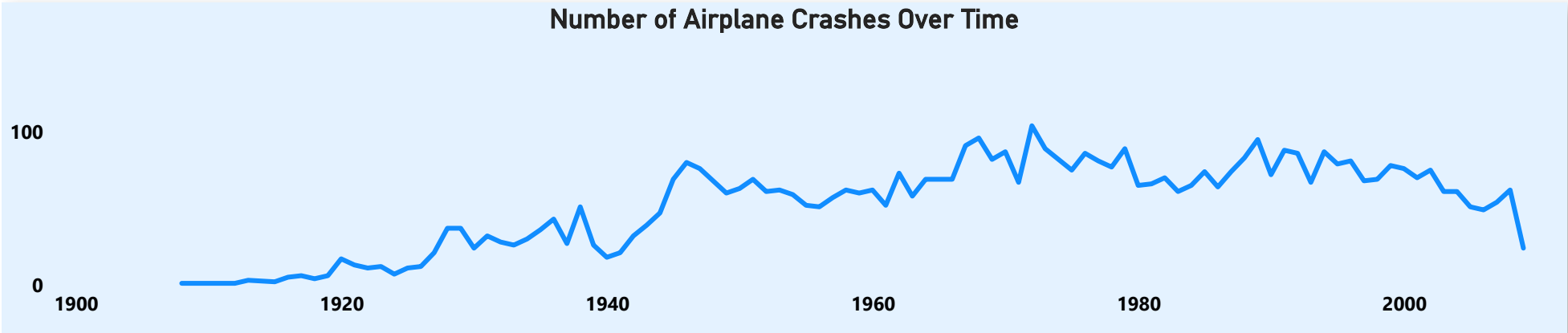
73%

Fatality Rate

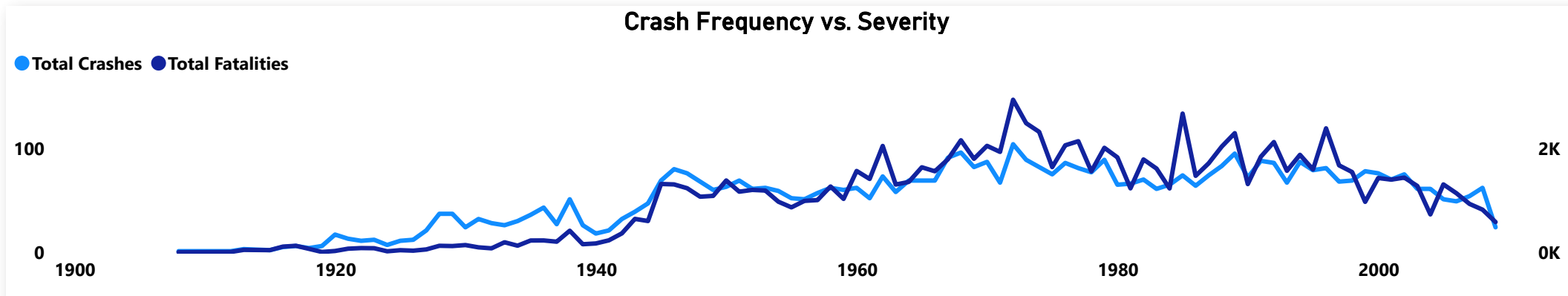
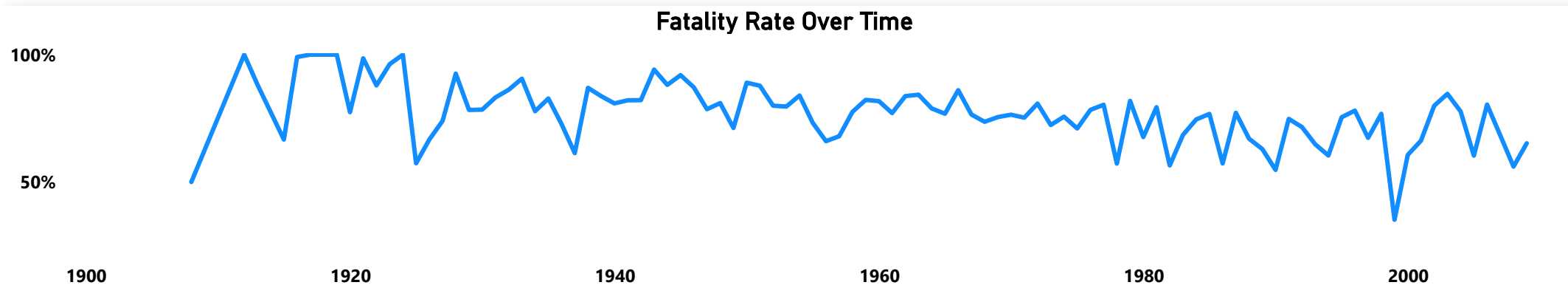
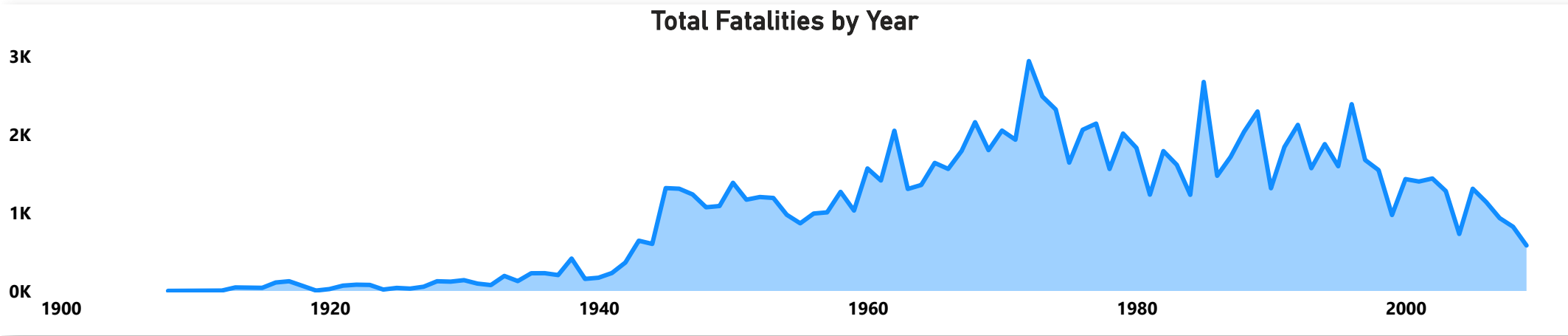
105K

Total Fatalities

Number of Airplane Crashes Over Time



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



**Year**

**Type**

☐ AAC-1 Toucan

☐ AEGK

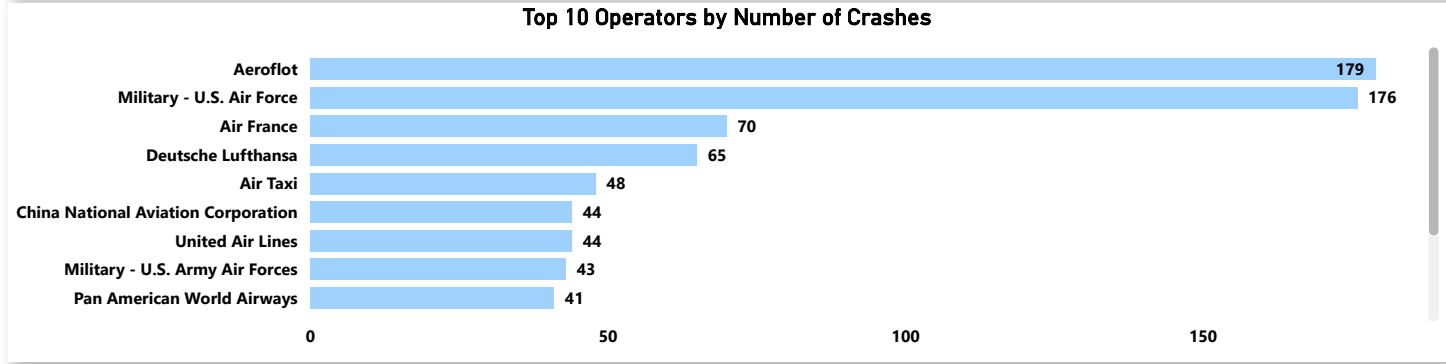
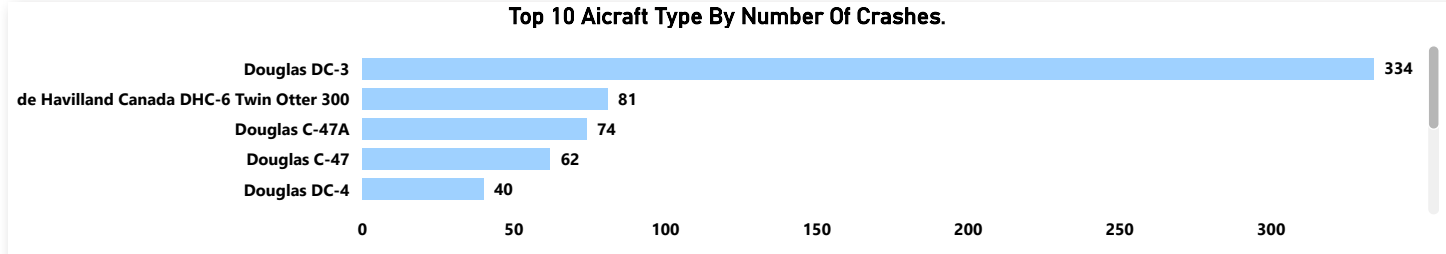
☐ Aermacchi M...

☐ Aero Comma...

☐ Aero Comma...

☐ .

☐ -



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

Year

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%

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Type

- ☐ AAC-1 Toucan
- ☐ AEGK
- ☐ Aermacchi MB-339PAN (3 a...
- ☐ Aero Commander 520

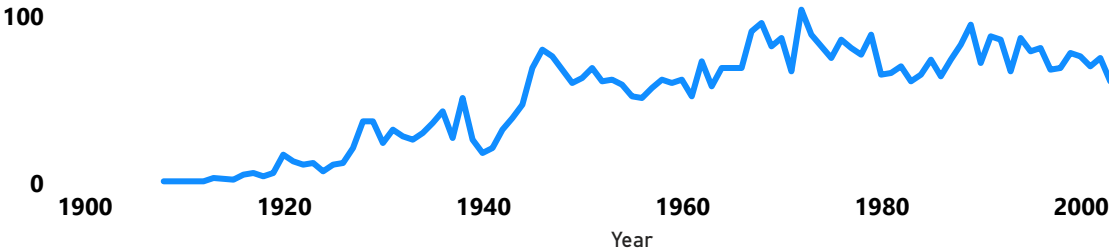
Year

1908

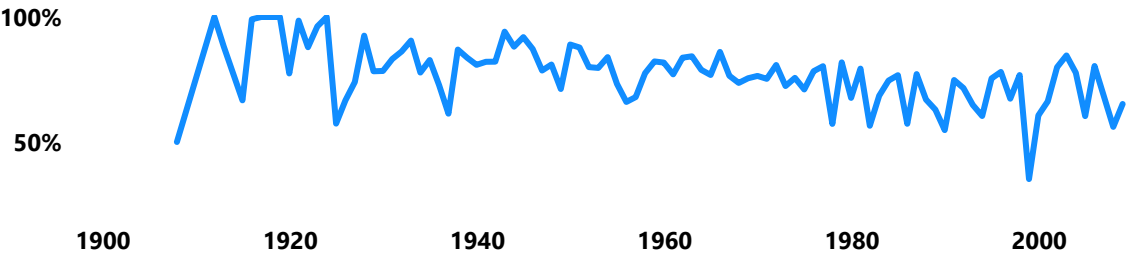
2009



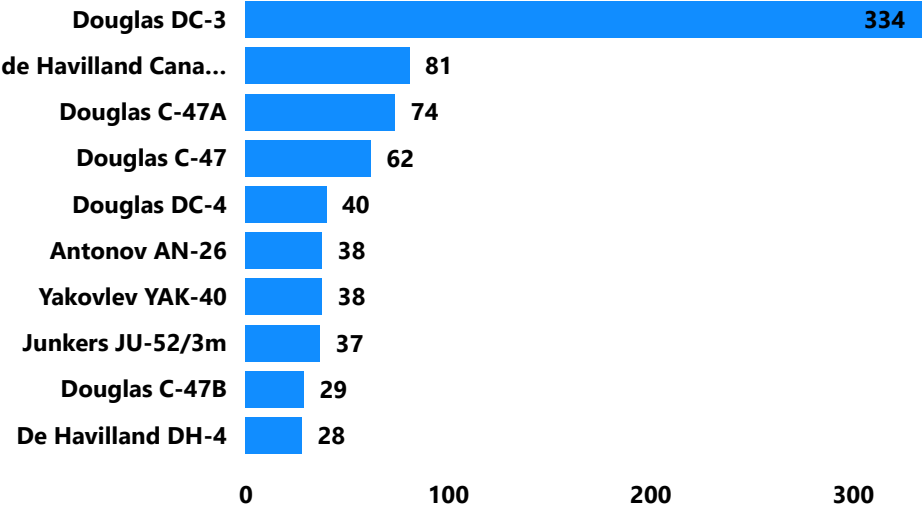
Total Crashes by Year



Fatality Rate by Year



Top 10 Crashes by Airplane Type



Top 10 Operators by Number Of Crash

