**AIR LINES SAFETY ANALYSIS**

Why did you make the decisions you made?

Airline safety has always been a paramount concern for the aviation industry and travelers alike. Over the years, significant efforts have been made to enhance safety protocols and mitigate the risk of accidents. This paper aims to compare the airline crash and fatality data from the period between 1985 and 1999 with the data from the year 2000 onwards, exploring how fatalities have been reduced over time.

The data from reputable sources regarding airline crashes and fatalities were collected for the respective periods. The decision to focus on the time frames of 1985-1999 and the post-2000 era was based on the availability and reliability of data during these periods.

Presentation to the Internal Team?

I will present my findings to the internal team using the visualization that I have created and visual representation of the data, such as line charts and bar charts would be utilized. This approach will allow for a clear and concise understanding of the trends and patterns observed.

What were your findings?

The analysis of airline crash and fatality data revealed a substantial reduction in fatalities from the year 2000 onwards compared to the period between 1985 and 1999. The implementation of various safety measures and technological advancements in the aviation industry played a significant role in this reduction. Factors such as enhanced pilot training, stricter regulations, improved maintenance practices, and advanced aircraft design contributed to the decline in fatalities.

Ethically what do you need to consider?

Ethical Considerations: While conducting this analysis, several ethical considerations were considered. The privacy and sensitivity of the data were respected, ensuring that information was used solely for the purpose of this research and not for any other malicious intent. Moreover, transparency and accuracy in reporting the findings were prioritized to provide reliable insights and promote trustworthiness.

Source: -

Primary source: - airline-safety.csv file

Supplemental source: -

<https://www.baaa-acro.com/statistics>