

The background of the image is a blurred, artistic representation of a person working on a laptop. The person is seen from the side, with their hands on the keyboard. The laptop screen and the surrounding environment are filled with various data visualizations, including bar charts, line graphs, and tables, all rendered in a soft, out-of-focus manner. The overall color palette is dominated by cool tones like blues and greys, with a warm, golden light source creating a glow effect behind the person and the laptop. The text is overlaid in a bold, red, sans-serif font, centered in the upper half of the image.

Aviation Data Analysis (1942- 2023)

The background of the slide features a blurred image of financial data. It includes several donut charts with blue and white segments, a calculator with orange and white buttons, and a document with tables of numbers and text. The overall theme is business and finance.

Introduction

Aviation accidents have been a major issue in the industry. As the team envisions to invest in the industry, understanding major issues related to previous accidents is a step forward to ensuring a smart move into the industry.

Objectives

- Identify location with most accidents
- Identify accident rates in the recent years
- Identify the purpose of flight that causes the most accidents
- Calculate chances of survival in a plane crash
- Effects of weather conditions on accidents

1. LOCATIONS AND ACCIDENTS

- Anchorage in Alaska had the most events of accidents, with over 83 total accidents. The snow in the area may have been the major cause for most of these accidents. Avoiding placing our aircrafts in this state may improve the safety of our aircrafts significantly

Accident Trends in recent years

- We have seen a decrease of 64% in accidents in the recent years. More safety measures have been implemented to protect human rights.

Chances of survival in Plane Crashes

- In a plane crash, the chances of survival are very low. Most aircraft crashes have a 100% fatality rate. If the crash is not severe, however, survival is mostly 100%.

Weather conditions and accidents

- We cannot relate accidents with weather conditions because most accidents have happened on perfect weather conditions. However, in some rare occasions, weather has had effect on aircraft accidents, like in the case of Alaska.

Recommendations

- Avoid placing aircrafts in locations like Alaska. They are prone to accidents
- Avoid the reciprocating engine.
- Consider purchasing engines like electric and LR for the aircrafts. They are safer
- Have passenger insurance for planes as accidents are very deadly
- Air travel is becoming popular and safer. Investing now promises a bright future

Conclusion

- With safety measures put forward for human life protection, plane crashes are highly reduced. This is an indicator that high profits are bound to be generated from the industry. In conclusion, this business should have confidence in investing money in the aviation business

THANK YOU!

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