Project Report Template

1. INTRODUCTION
   - 1.1 Overview
     A brief description about your project
   - 1.2 Purpose
     The use of this project. What can be achieved using this.
2. PROBLEM DEFINITION & DESIGN THINKING
   - 2.1 Empathy map
     Paste the empathy map screenshot
   - 2.2 Ideation & brainstorming Map
     Paste the Ideation & brainstorming map screenshot.
3. RESULT
   Final findings (Output) of the project along with screenshot.
4. ADVANTAGES
   List of advantages and disadvantages pf the proposed solution.
5. APPLICATION
   The areas where this solution can be applied.
6. CONCLUSION
   Conclusion summarizing the entire work and findings.
7. FUTURE SCOPE
   Enhancements that can be made in this future.
8. APPENDIX
   A. Source Code
      Attach the code for the solution built.

THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS

1. INTRODUCTION

An airplane crash analysis is a detailed investigation into the cause of an aviation accident. The goal of an airplane crash analysis is to identify any factors that contribute to the accident, with the ultimate goal of improving safety and preventing future accidents. The process of conducting an airplane analysis typically involves the collection and analysis of a wide range of data, including information about the aircraft and its systems, the operators, and any other relevant factors.

1.1 OVERVIEW

The analysis can provide closure to the families and loved ones of the victims of the crash, as well as to the broader public. It can also help to improve public confidence in the aviation industry by identifying and addressing any safety issues that may have contributed to the incident. The analysis can have significant business implications for the airline and aircraft manufacture involved in the incident. The airline may also face legal claims and reputational damage.

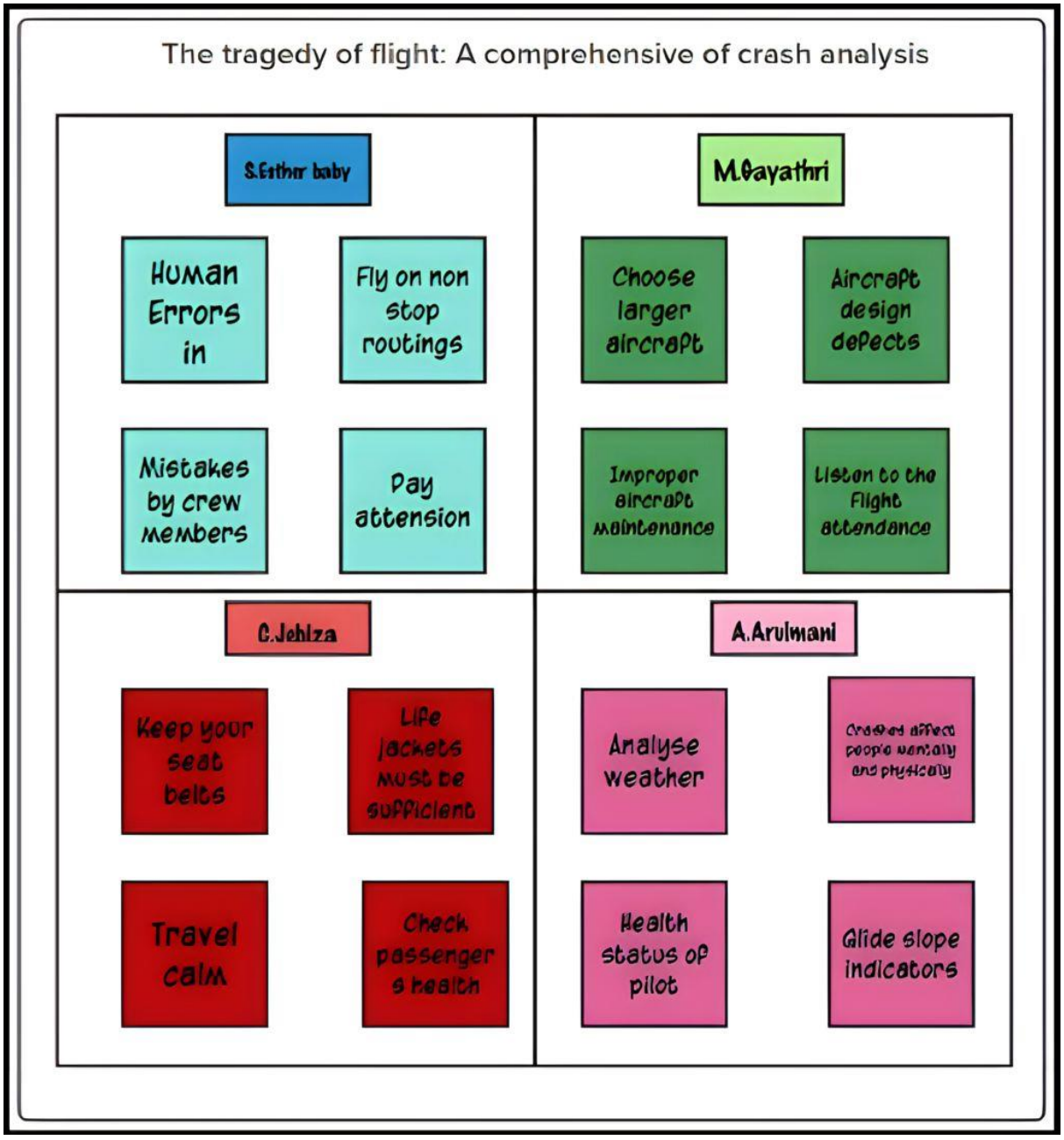
1.2 PURPOSE

The goal of an airplane crash analysis is to identify any factors that contributed to the accident, with the ultimate goal of improving safety and preventing future accidents. The results of an airplane crash analysis are typically published in a report, which may include recommendations for improving safety and preventing similar accidents in the future.

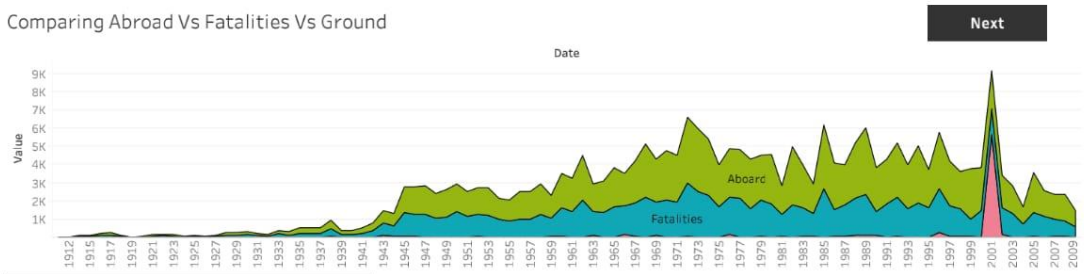
2. PROBLEM DEFINITION & DESIGN THINKING

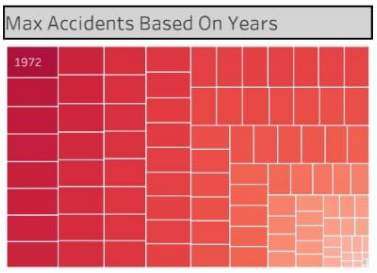
EMPATHY MAP

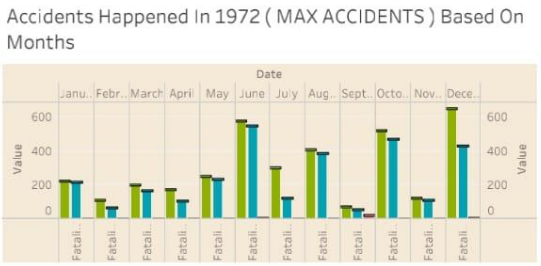
2.2 IDEATION & BRAINSTORMING MAP

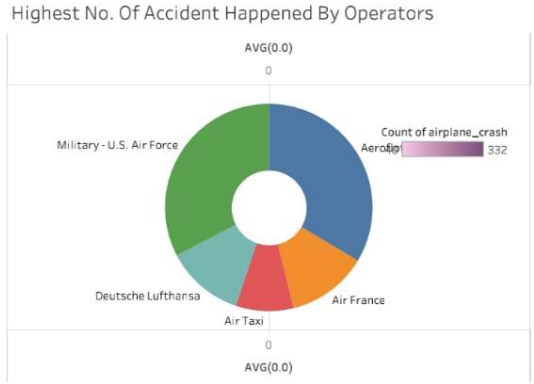


3. RESULT

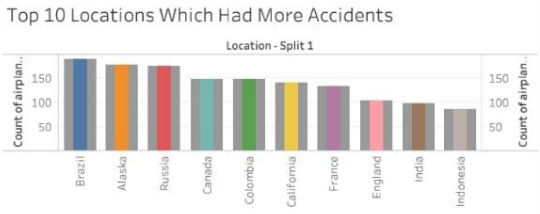

Comparing Abroad Vs Fatalities Vs Ground
Next
Date
Value
Aboard
Fatalities


Max Accidents Based On Years
1972


Accidents Happened In 1972 (MAX ACCIDENTS) Based On Months
Date
Value


Highest No. Of Accident Happened By Operators
AVG(0.0)
Count of airplane_crash
Military - U.S. Air Force
Deutsche Lufthansa
Air France
Air Taxi

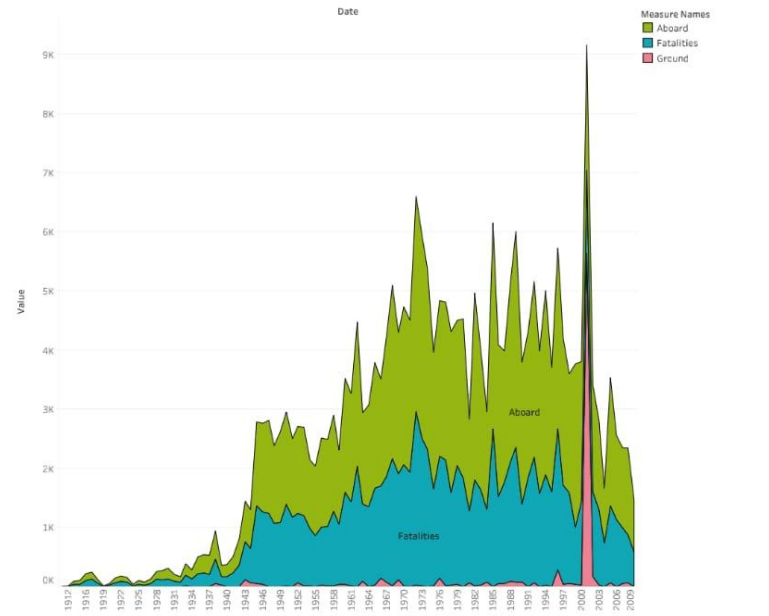

Previous
Top 3 Flights Which Have Maximum Acciden
Type
de Havilland Canada DHC-6 Twin Otter 300
Douglas C-47
Douglas C-47A
Douglas DC-4
Douglas C-47
Douglas C-47A


Top 10 Locations Which Had More Accidents
Location - Split 1
Brazil
Alaska
Russia
Canada
Colombia
California
France
England
India
Indonesia


Accidents Based On Regions
© 2023 Mapbox © OpenStreetMap

Story 1

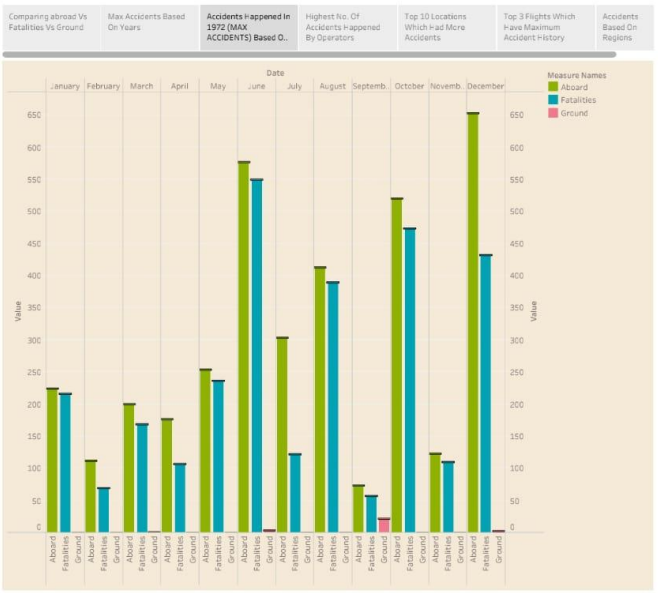
Comparing abroad Vs Fatalities Vs Ground | Max Accidents Based On Years | Accidents Happened In 1972 (MAX ACCIDENTS) Based O.. | Highest No. Of Accidents Happened By Operators | Top 10 Locations Which Had More Accidents | Top 3 Flights Which Have Maximum Accident History | Accidents Based On Regions



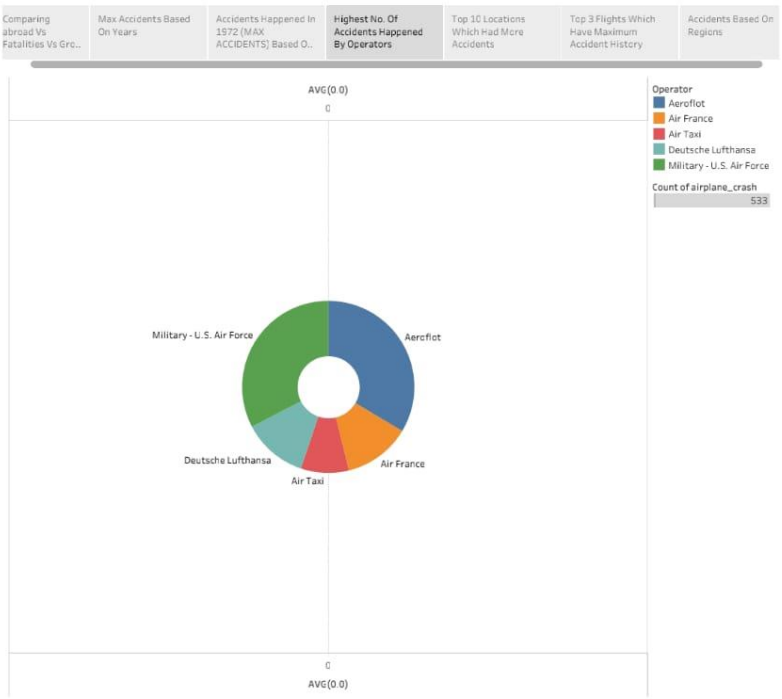
Story 1

Comparing abroad Vs Fatalities Vs Ground | Max Accidents Based On Years | Accidents Happened In 1972 (MAX ACCIDENTS) Based O.. | Highest No. Of Accidents Happened By Operators | Top 10 Locations Which Had More Accidents | Top 3 Flights Which Have Maximum Accident History | Accidents Based On Regions

Story 1

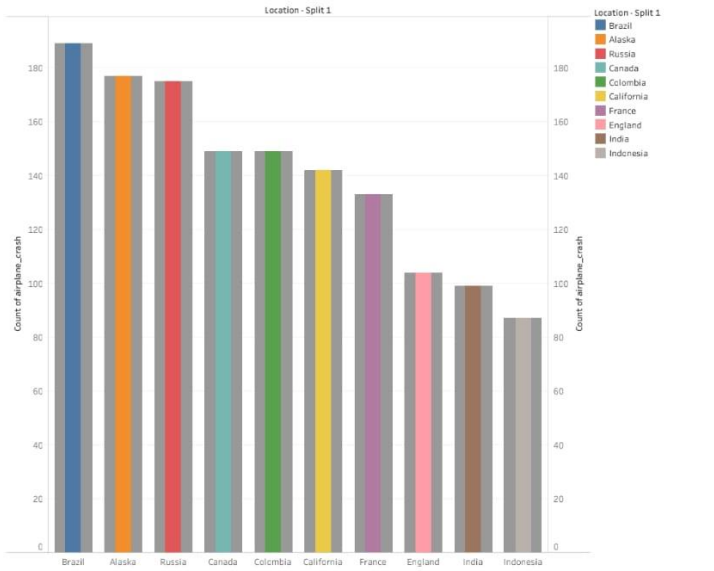


Story 1



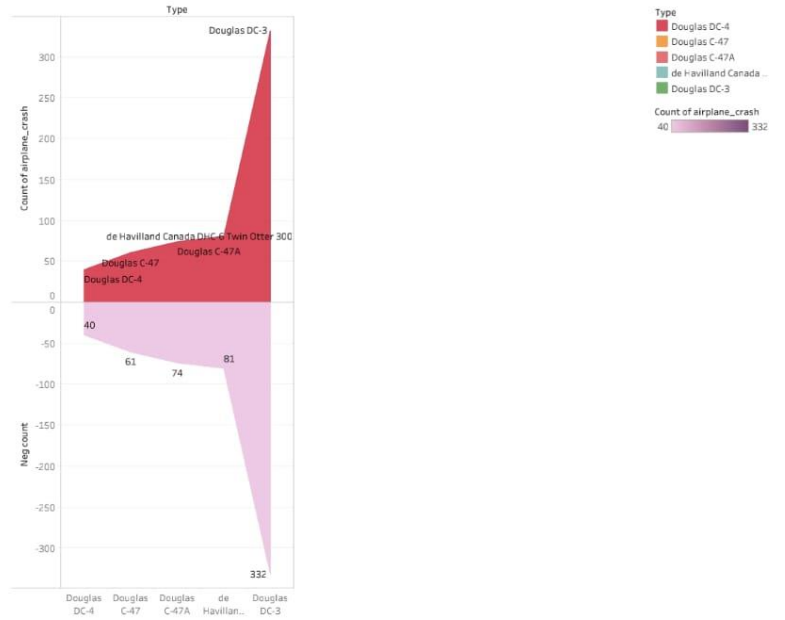
Story 1

Comparing abroad Vs Fatalities Vs.. | Max Accidents Based On Years | Accidents Happened In 1972 (MAX ACCIDENTS) Based O.. | Highest No. Of Accidents Happened By Operators | **Top 10 Locations Which Had More Accidents** | Top 3 Flights Which Have Maximum Accident History | Accidents Based On Regions



Story 1

Comparing abroad Vs Fatalities Vs.. | Max Accidents Based On Years | Accidents Happened In 1972 (MAX ACCIDENTS) Based O.. | Highest No. Of Accidents Happened By Operators | Top 10 Locations Which Had More Accidents | **Top 3 Flights Which Have Maximum Accident History** | Accidents Based On Regions



Story 1

Comparing abroad Vs Fatalities Vs.. | Max Accidents Based On Years | Accidents Happened In 1972 (MAX ACCIDENTS) Based O.. | Highest No. Of Accidents Happened By Operators | Top 10 Locations Which Had More Accidents | Top 3 Flights Which Have Maximum Accident History | **Accidents Based On Regions**

4. ADVANTAGES & DISADVANTAGES

ADVANTAGES:

- An aircraft can fly to any location without seeing any natural obstacles or barriers.
- Since customs formalities are easily compiled.
- It eliminates the need for more time to seek clearance.
- Air travel is used for relief operations during earthquakes, floods, accidents, and famines.
- It is considered the cheapest way to ship peregrinated goods.
- It offers a standard, convenient, reliable and fast service.

DISADVANTAGES:

- In many crashes the aircraft structure collapses and the individual is injured by impact with the airframe**.**
- These injuries can include amputations, major lacerations and crushing**.**
- When the structure collapses, the victims may become trapped within the wreckage and die of fire, drowning or traumatic asphyxia.
- Pilot error is the number one cause of aviation accidents. Piloting an aircraft requires lengthy training, a knowledge of the mechanical components of an aircraft, and hand-eye coordination skills to effectively and safely maneuver an aircraft. Pilots also have to think ahead.
- Especially in economy class and when flying with low-cost airlines, which makes us feel trapped and irritable.

5. APPLICATIONS

Evacuation slides, to aid rapid passenger exit from an aircraft in an emergency situation. Advanced avionics, incorporating computerized auto-recovery and alert systems. Turbine engines with improved durability and failure containment mechanisms. Landing gear that can be lowered even after loss of power and hydraulics. Measured on a passenger-distance calculation, air travel is the safest form of transportation available**.** "UK airline operations are among the safest anywhere. When compared against all other modes of transport on a fatality per mile basis, air transport is the safest - six times safer than travelling by car and twice as safe as rail."

6. CONCLUSION

The results of an airplane crash analysis are typically published in a report, which may include recommendations for improving safety and preventing similar accidents in the future. These recommendations may be implemented by the relevant authorities or industry organizations.

7. FUTURE SCOPE

Detailed information about the crash, including the date, time, location, and weather conditions at the time of the incident. A thorough analysis of the events leading up to the crash, including any mechanical failures or human errors that may have contributed to the incident. A review of the flight data and cockpit voice recordings to gather additional information about the events leading up to the crash. Interviews with the flight crew, passengers, and any witnesses.

8. **APPENDIX**

A. SOURCE CODE

file:///C:/Users/Admin/Desktop/BizLand/index.html