

# **THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS**

**SRI SARADA NIKETAN COLLEGE OF SCIENCE FOR  
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Faculty mentor

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Project done by

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# **PROJECT REPORT TEMPLATE**

## **1 INTRODUCTION**

### **1.1 Overview**

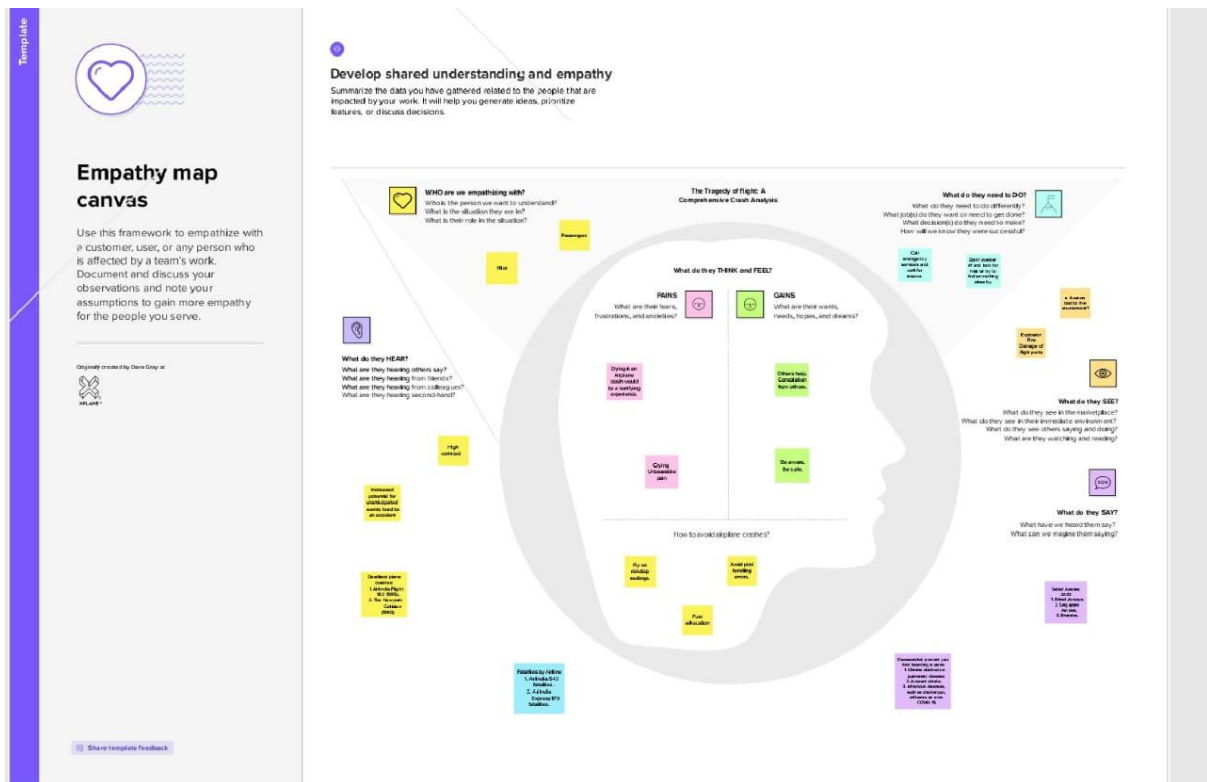
#### **Project description**

An airplane crash analysis is a detailed investigation into the causes of an aviation accident. 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 process of conducting an airplane crash 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. This data is typically collected from Kaggle. Once the data has been collected, it is analyzed through tableau, to identify any potential causes of the accident. 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.

### **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.

## 2.1 Empathy Map



## 2.2 Ideation & Brainstorming Map

Template



### Mind map brainstorm

Quickly output ideas and patterns into a structured diagram. Our mind map brainstorming template will help you create new connections with your team.

[Share template feedback](#)

#### Brainstorm ideas

Add the challenge as a question to the center of your mind map, and work individually adding your ideas to the mind map.

#### Key rules of brainstorming

To run a smooth and productive session

- Stay on topic
- Encourage wild ideas
- Defer judgment
- Listen to others
- Go for volume
- Be visual

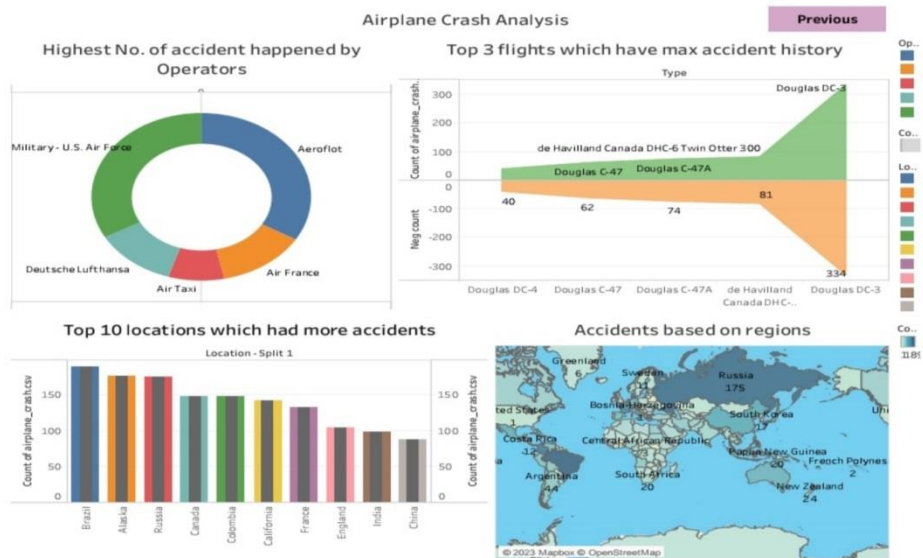
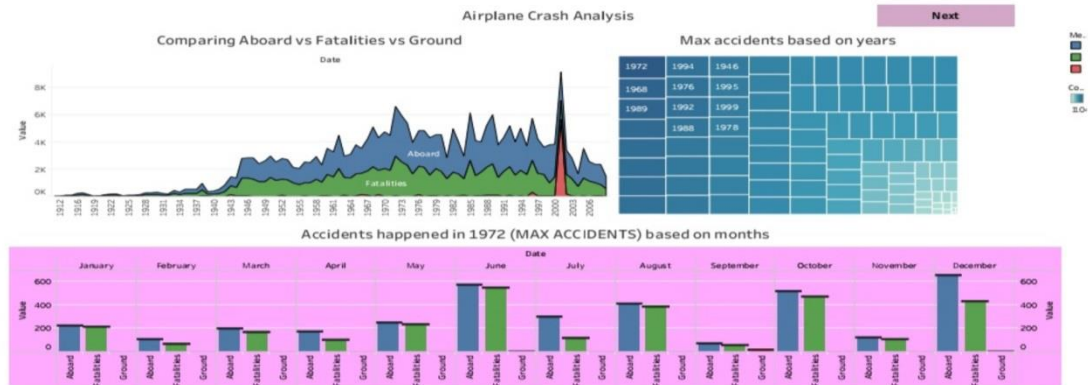
#### How to survive a Plane Crash?

The Topics of Right 8 Comprehensive search

- 1. If you have the plane, you can use the material with you to build a crash landing.
- 2. If you have the plane, you can use the material with you to build a crash landing.
- 3. If you have the plane, you can use the material with you to build a crash landing.
- 4. If you have the plane, you can use the material with you to build a crash landing.
- 5. If you have the plane, you can use the material with you to build a crash landing.
- 6. If you have the plane, you can use the material with you to build a crash landing.
- 7. If you have the plane, you can use the material with you to build a crash landing.
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### 3 RESULT

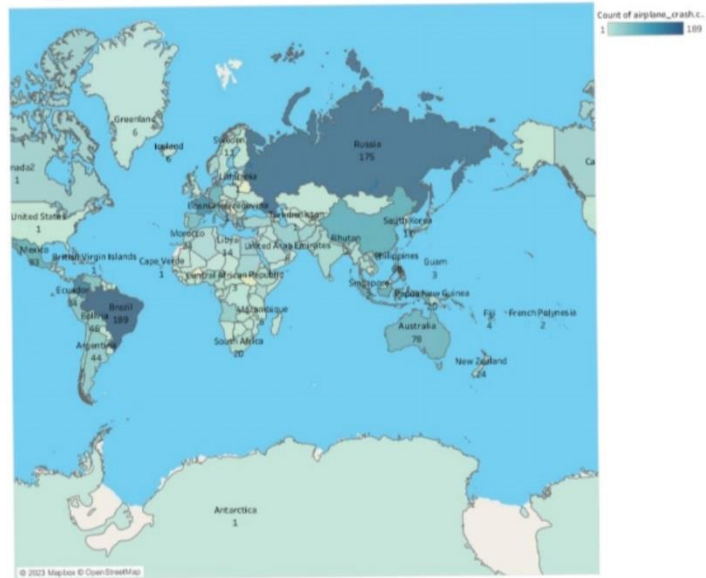
## DASHBOARD



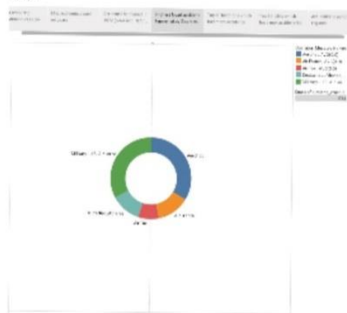
# STORY

## Story 1

Comparing Abroad vs Fa...	Max accidents based on years	Accidents happened in 1972 (MAX ACCIDENT...)	Highest No. of accident happened by Operato...	Top 30 locations which had more accidents	Top 5 Flights which have max accident nos.	Accidents based on regions
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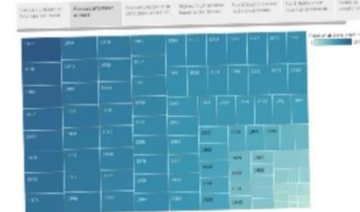
## Story 1



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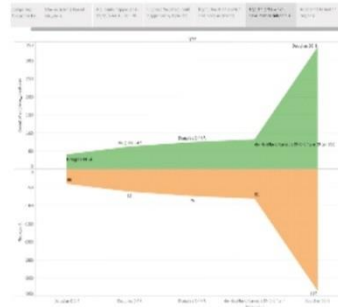
## Story 1



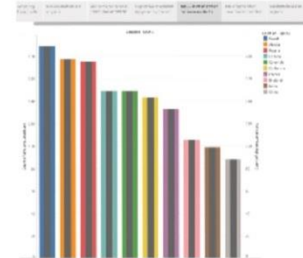
## Story 1



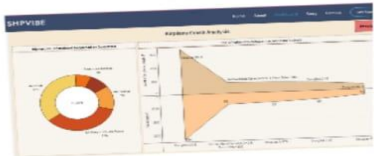
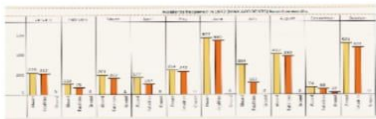
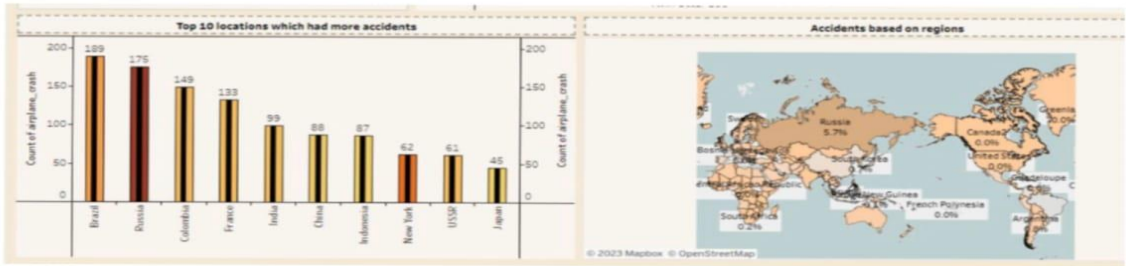
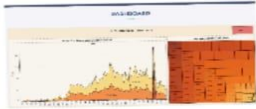
## Story 1



## Story 1



# WEB INTEGRATION



## **4 ADVANTAGES & DISADVANTAGES**

### **ADVANTAGES**

- High Speed
- Fast Service
- Send almost everywhere your freight
- High Standard of security
- Natural Route

### **DISADVANTAGES**

- Risky
- Cost
- Some Product Limitation
- Capacity for small carriage
- Enormous investment

## **5 APPLICATIONS**

Aviation accident analysis is performed to determine the cause of errors once an accident has happened. In the modern aviation industry, it is also used to analyze a database of past accidents in order to prevent an accident from happening.

## **6 CONCLUSION**

An airplane crash analysis is a detailed investigation into the causes of an aviation accident. To know the detailed information about the crash, including the data, time, location and weather conditions, any mechanical failures or human errors at the time of the accident. The main aim is improving safety and preventing similar accidents in the future.

## **7 FUTURE SCOPE**

Aircraft design may eventually have to change more dramatically, especially if flying is to be kept affordable as fuel costs climb in the future. This could bring about new forms of propulsion – such as electric, hybrid or solar powered planes – radical new airframe designs, as well as new techniques, like assisted take-offs or unpowered landings.