PROJECT REPORT TEMPLATE

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 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 system,the operators and any other relevant factors.

1.1 Overview

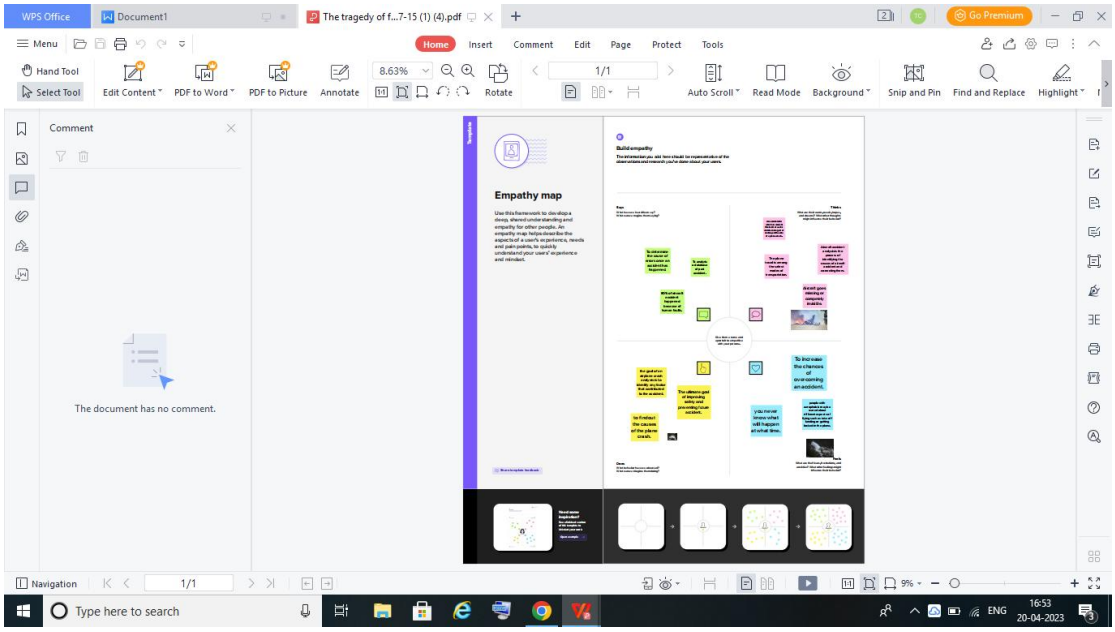
Aviation accident analysis is performed to determine the cause of errors once an accident has happened.

1.2 Purpose

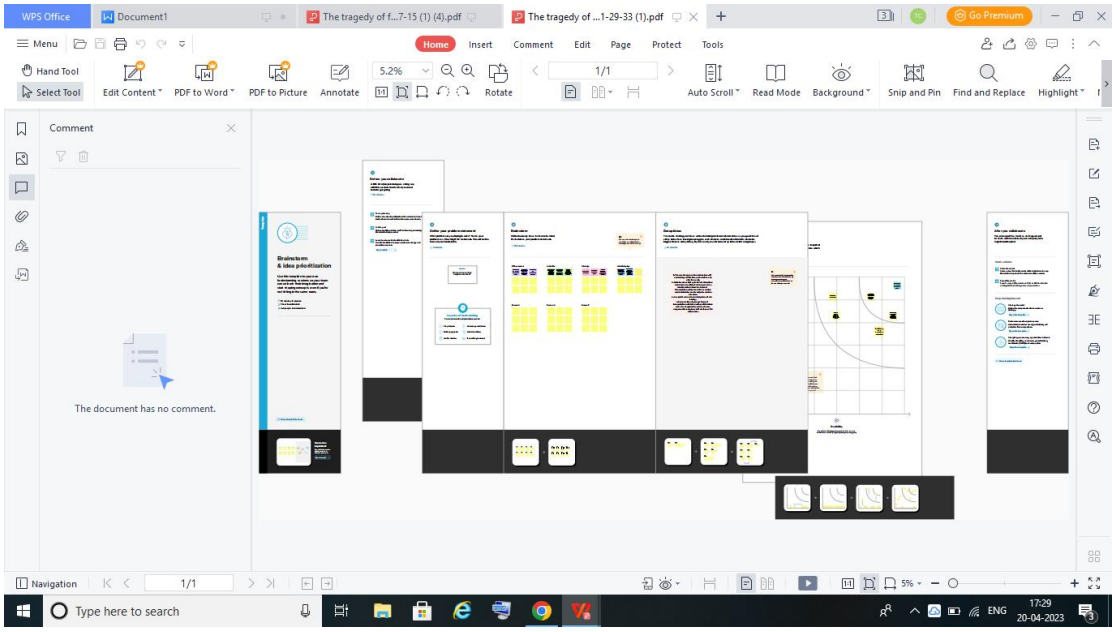
The goal of an airplane crash analysis is to identify any factors that contributed to the accident,with the ultimate goal of improving safety and preventing future accidents.

2. PROBLEM DEFINITION &DESIGN THINKING

2.1Empathymap



2.2 Ideation and Brainstorming Map



3.RESULT

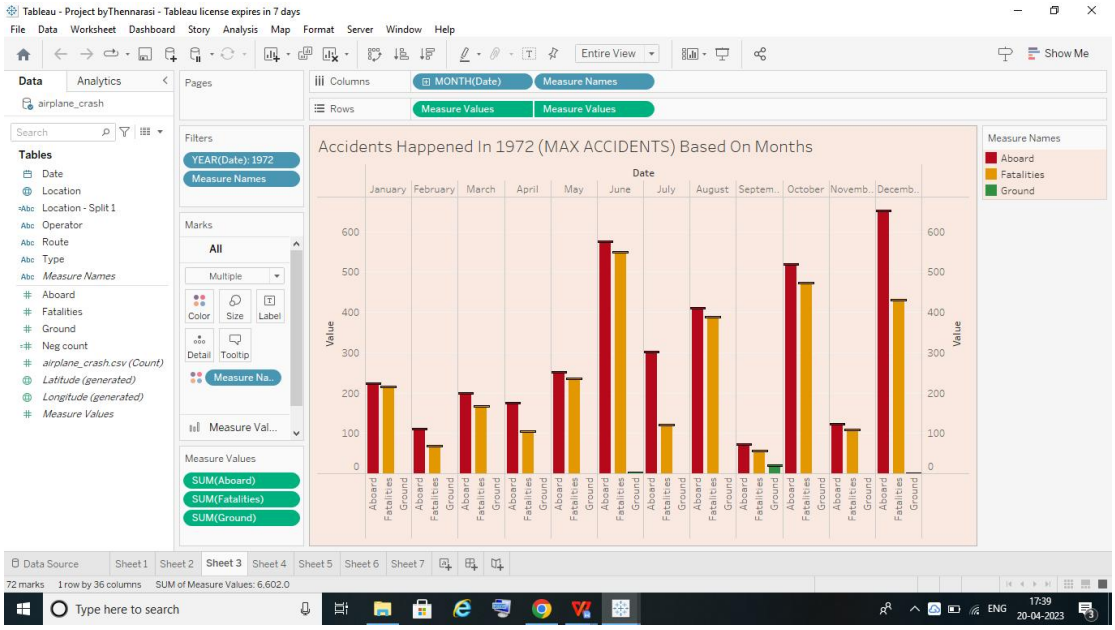


Tableau - Project byThennarasi - Tableau license expires in 7 days
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Data Analytics
airplane_crash
Tables
Date
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Location - Split 1
Operator
Route
Type
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Aboard
Fatalities
Ground
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Latitude (generated)
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Filters
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Accidents Happened In 1972 (MAX ACCIDENTS) Based On Months
Date
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Ground
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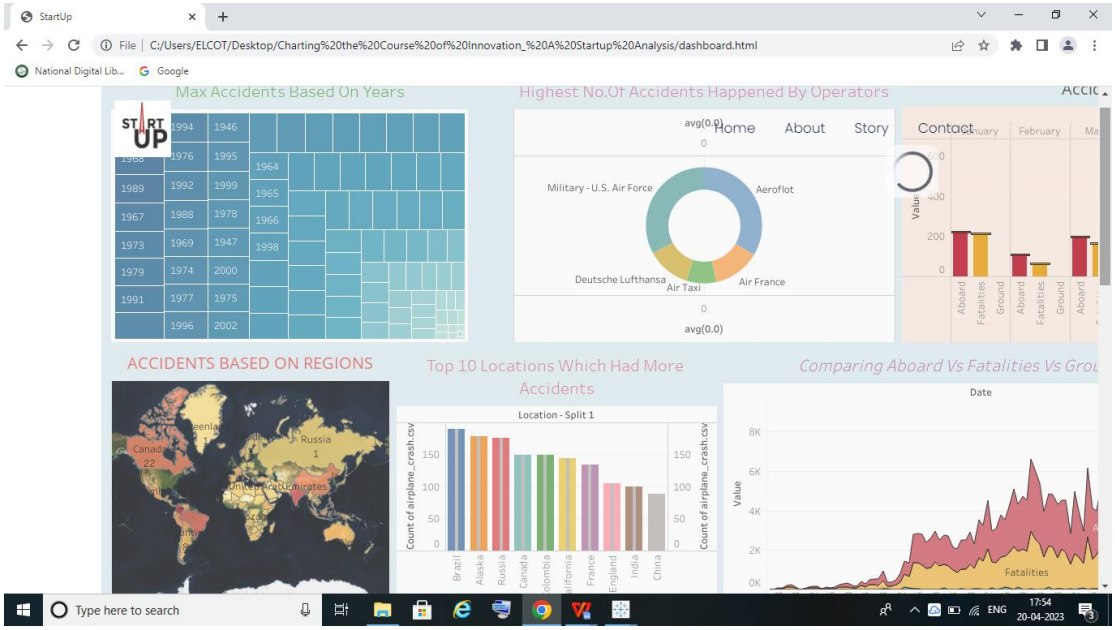
StartUp
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National Digital Lib... Google
Max Accidents Based On Years
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Military - U.S. Air Force
Aeroflot
Deutsche Lufthansa
Air Taxi
Air France
avg(0.0)
ACCIDENTS BASED ON REGIONS
Top 10 Locations Which Had More Accidents
Location - Split 1
Count of airplane_crash.csv
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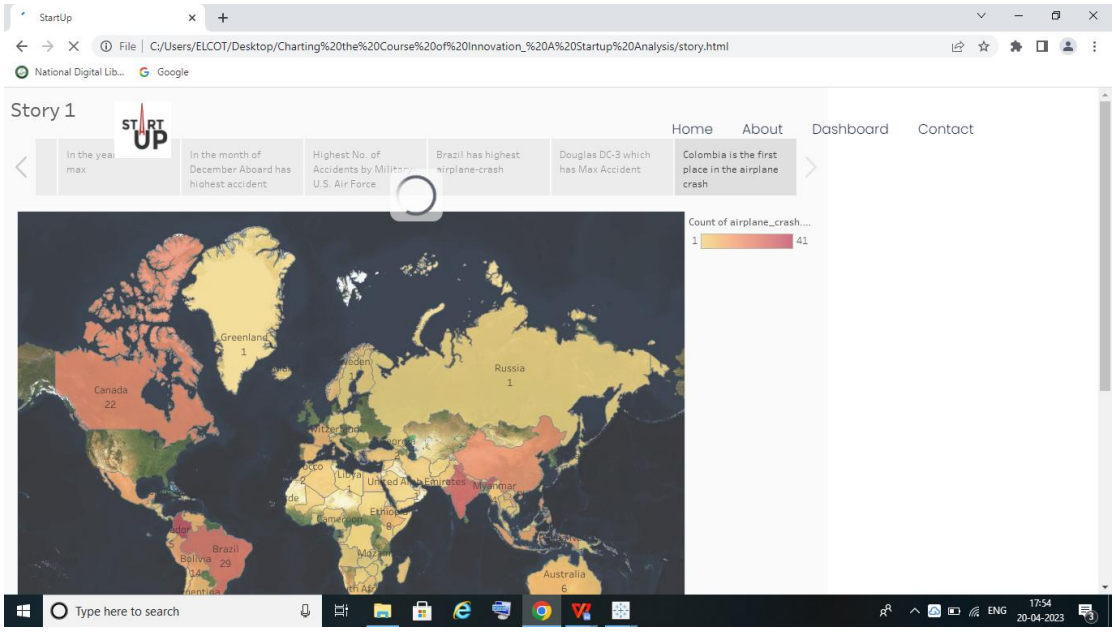

4.ADVANTAGE AND DISADVANTAGE

Advantage: It is fastest way to travel long distance.

Plane can carry a lot of weight .

To avoid accident in airplane.

Disadvantage: You might have to fly in a middle seat .

You might have to fly early or late.

5.APPLICATION

Increase safety -of-life capabilities such as EGPWS.

Increase safety for surface movement operations made possible by situational awareness.

6.CONCLUSION

The main objective of this project is to raise awareness of flight safety and better understand its problem and progress so that aviation industries can continuous to improve . we hope more information and

understanding will lead to industry change that save lives.

7.FUTURE SCOPE

You chance of being involved in a fatal plane crash are incredibly small around in 11 million.A plane accident are about 1 in 1.2 million ,rates are about 95.7%.