

TRAGEDY OF FLIGHT: A COMPREHENSIVE RASH ANALYSIS

INTRODUCTION

OVERVIEW

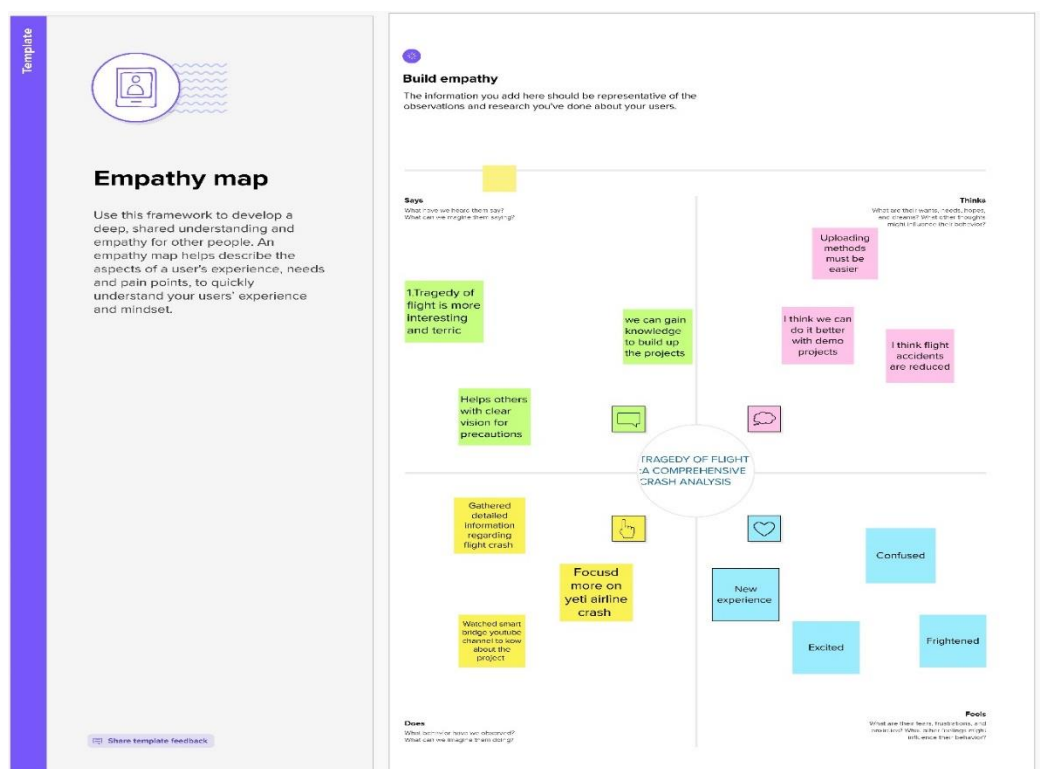
An in-depth examination of the factors that led to an aviation accident is known as an airplane crash analysis.

PURPOSE

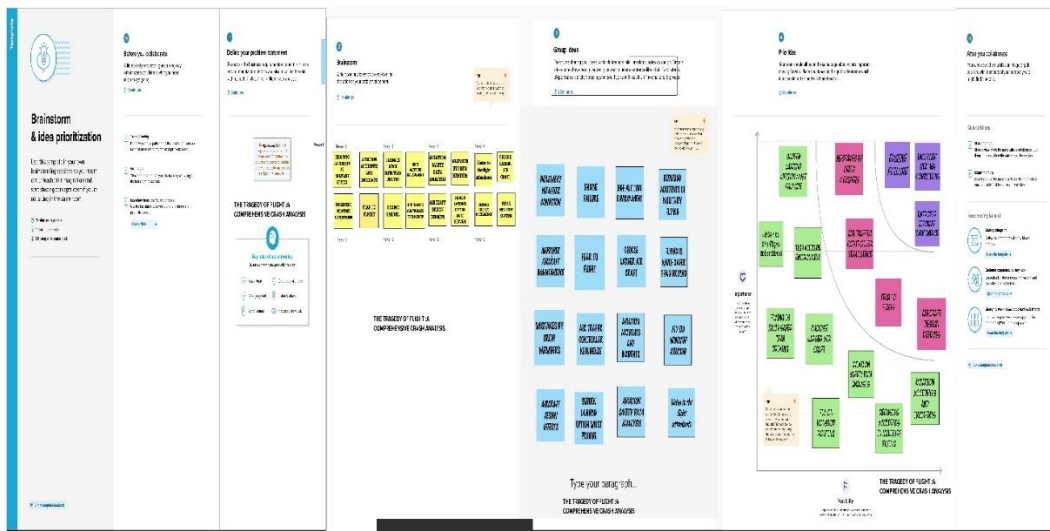
The purpose of a crash analysis of an airplane is to determine any factors that contributed to the incident, with the ultimate goal of increasing safety and reducing the likelihood of similar incidents occurring in the future.

PROBLEM DEFINING AND DESIGN

EMPATHY MAP

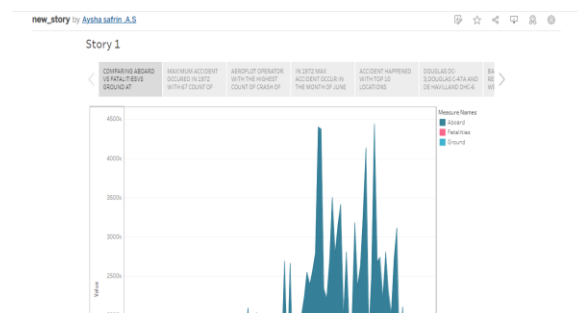
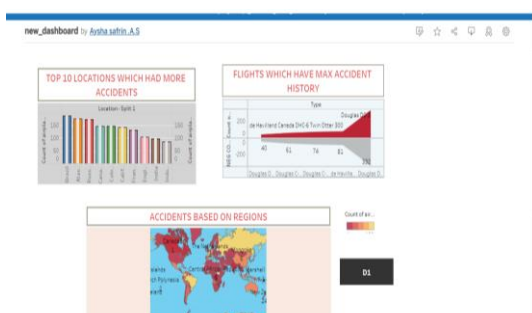
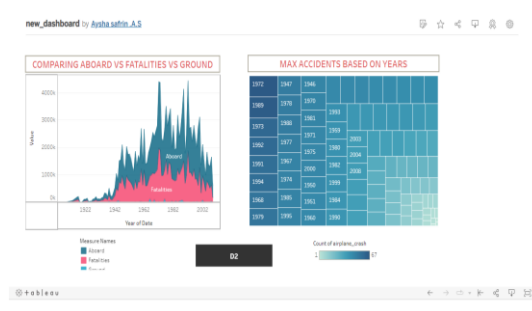


IDEATION AND BRAINSTORMING MAP



RESULT

- Data sets are collected from the Kaggle and stored in MYSQL and merged with the tableau software
- Typically, the findings of an aircraft crash analysis are published in a Tableau public that may include recommendations that the relevant authorities or industry organizations may implement.



ADVANTAGES	DISADVANTAGES
<ul style="list-style-type: none"> ✚ Performing an aeroplane crash study with wide variety of data which are routinely collected from the dataset is effective . 	<ul style="list-style-type: none"> ✚ Fatalities are more than the aboard mainly involves the civil and military aircraft
<ul style="list-style-type: none"> ✚ Comprehensive crash information including the location, operators, route aboard included in the data set, which also tallies the number of fatalities and ground injuries. 	<ul style="list-style-type: none"> ✚ The aircraft goes missing or becomes completely inaccessible

APPLICATIONS

- Environmental protection
- Predicting air crash survival
- Online air crash investigation
- Maximum accident basis predictor
- Data availability

CONCLUTION

The published dash board and relevent stories of the crash anlysis in the webpage helps to improve the model precision in the future .

FUTURE SCOPE

- In the future, we can explore the mechanism of aviation accidents and try to construct an accident mechanism model to simulate and analysis the process of aviation accidents.
- Air crash analysis helps to tackle the accuracy and robustness of the forecasting problem
- Therefore, it is necessary to make in-depth research for improvement of the safety skill of airlines and reduction of the probability of aviation accidents
- Accurate and valid accident prediction can not only reduce economic losses and casualties but also boost the development of civil aviation safety management.

APPENDIX

file:///C:/Users/Admin/Desktop/Naan%20mudhalvan/Arsha/index.html#