

# Project Report Template

## 1.INTRODUCTION

1.1 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 analysed 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.

## purpose

- Define Problem / Problem Understanding
  - Specify the business problem
  - Business requirements
  - Literature Survey
  - Social or Business Impact.
- Data Collection & Extraction from Database
  - Collect the dataset,
  - Storing Data in DB
  - Perform SQL Operations
  - Connect DB with Tableau
- Data Preparation
  - Prepare the Data for Visualization
- Data Visualizations
  - No of Unique Visualizations
- Dashboard
  - Responsive and Design of Dashboard
- Story
  - No of Scenes of Story
- Performance Testing
  - Amount of Data Rendered to DB ‘
  - Utilization of Data Filters
  - No of Calculation Fields
  - No of Visualizations/ Graphs
- Web Integration
  - Dashboard and Story embed with UI With Flask
- Project Demonstration & Documentation
  - Record explanation Video for project end to end solution
  - Project Documentation-Step by step project development procedure

## EMPATHY MAP SCREEN SHOT;

Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.

The information you add here should be representative of the observations and research you've done about your users.



### Brainstorm & idea prioritization

Use this template to plan your brainstorming sessions in your meeting and collect ideas, map them out, and share them with your team.

- 1. Brainstorming session
- 2. Share ideas
- 3. Map ideas

### Before you brainstorm

Before you brainstorm, you need to have a clear idea of what you want to achieve. This is your goal.

- 1. Set your goal
- 2. Share your goal
- 3. Map your goal

### Define your problem statement

What is the problem you are trying to solve? This is your problem statement.

- 1. Define your problem statement
- 2. Share your problem statement
- 3. Map your problem statement

### Brainstorm

Now it's time to brainstorm ideas. This is where you get your ideas out.

Brain 1	Brain 2	Brain 3	Brain 4
1. Idea 1	1. Idea 1	1. Idea 1	1. Idea 1
2. Idea 2	2. Idea 2	2. Idea 2	2. Idea 2
3. Idea 3	3. Idea 3	3. Idea 3	3. Idea 3
4. Idea 4	4. Idea 4	4. Idea 4	4. Idea 4
5. Idea 5	5. Idea 5	5. Idea 5	5. Idea 5
6. Idea 6	6. Idea 6	6. Idea 6	6. Idea 6
7. Idea 7	7. Idea 7	7. Idea 7	7. Idea 7
8. Idea 8	8. Idea 8	8. Idea 8	8. Idea 8
9. Idea 9	9. Idea 9	9. Idea 9	9. Idea 9
10. Idea 10	10. Idea 10	10. Idea 10	10. Idea 10

### Group ideas

Now it's time to group your ideas. This is where you get your ideas together.

- 1. Group your ideas
- 2. Share your ideas
- 3. Map your ideas

### Finalize

Now it's time to finalize your ideas. This is where you get your ideas ready.

- 1. Finalize your ideas
- 2. Share your ideas
- 3. Map your ideas

### Share your ideas

Now it's time to share your ideas. This is where you get your ideas out.

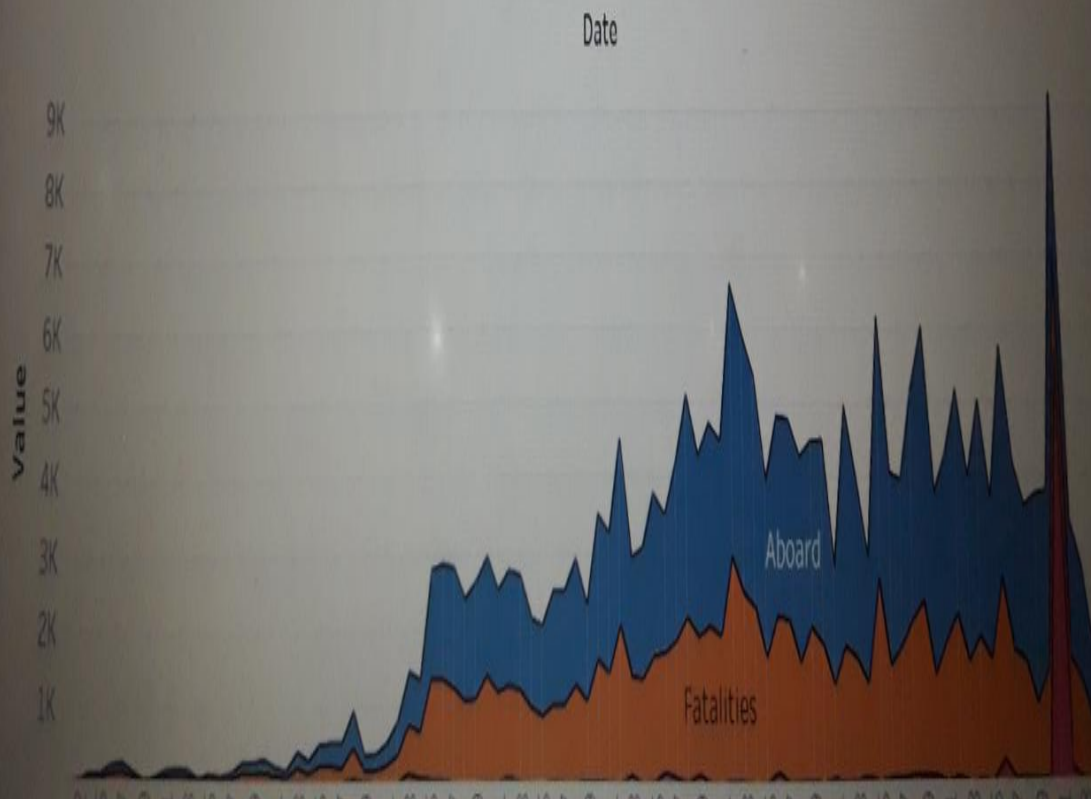
- 1. Share your ideas
- 2. Share your ideas
- 3. Map your ideas

tableau public

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## airplane crash tragedy by Varsha J.U

### Comparing abroad vs fatalities vs ground



## ADVANTAGE AND DISADVANTAGE;

<b>Advantages</b>	<b>Disadvantages</b>
<b>High Performance</b>	<b>Poor Versioning</b>
<b>Mobile-Friendly</b>	<b>No automatic refreshing of reports</b>
<b>Extensive customer resources</b>	<b>Need manual effort</b>
<b>Excellent mobile support</b>	<b>Not a comprehensive solution</b>
<b>Easy to upgrade</b>	<b>No version control</b>
<b>Low cost</b>	<b>Requires SQL knowledge</b>
<b>Quality Customer Service</b>	-
<b>Ease of Use</b>	-

## **Application;**

Electrification of the fuel that industrial companies use for energy has several benefits. Generally, electrically driven equipment is only slightly more energy efficient than the conventional option, but it has lower maintenance costs, and, in the case of the industrial boiler, the investment cost of the electrical equipment is lower. And, if zero-carbon electricity is consumed, the greenhouse-gas emissions of the industrial site lower significantly.

## **conclusion**

On completion of the course, the students will be able to • Understand the leading technologies and apply them for solving real-world problems • Understand the concepts of design thinking and agile methodologies • Develop professional skills like teamwork, time management, communication and project management skills • Understand various digital tools & best practices followed in the industry • Develop the products from scratch i.e. idea to working prototype • Industry course completion certificate from IBM.

## **future scope**

We take our “We grow talent, talent grows us” culture belief to heart by focusing on developing our Moment Makers. An ever-growing Radisson Academy offer aims to equip you with key skills and boost your potential through customized training programs right from your day one. We are dedicated to individual development and have a strong performance culture that facilitates your career growth at all levels.

