

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 screenshots.

4 ADVANTAGES & DISADVANTAGES

List of advantages and disadvantages of the proposed solution

5 APPLICATIONS

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 the future.

8 APPENDIX

A. Source Code

Attach the code for the solution built.

1. INTRODUCTION

1.1 OVERVIEW

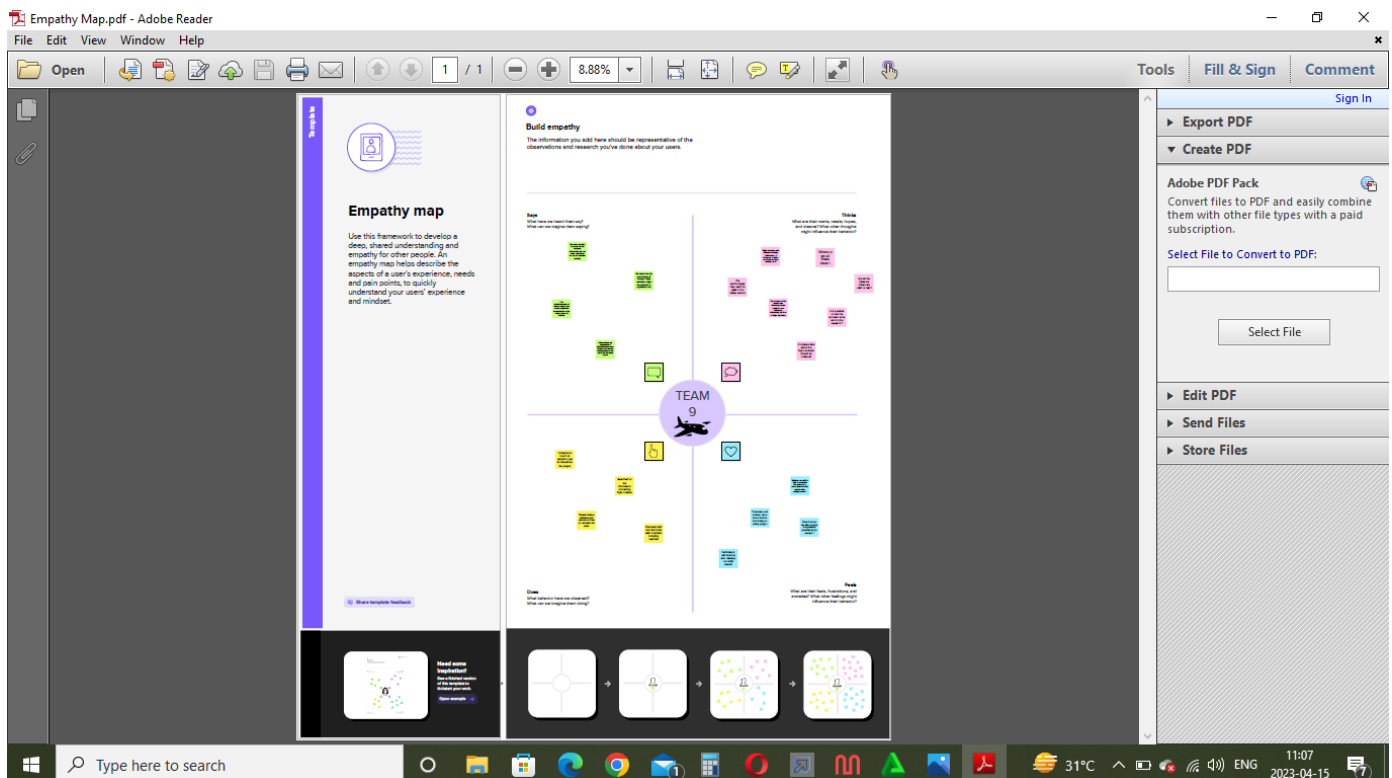
In this project, we do a Comprehensive Analysis on flight accidents from 1908 to 2009.

1.2 PURPOSE

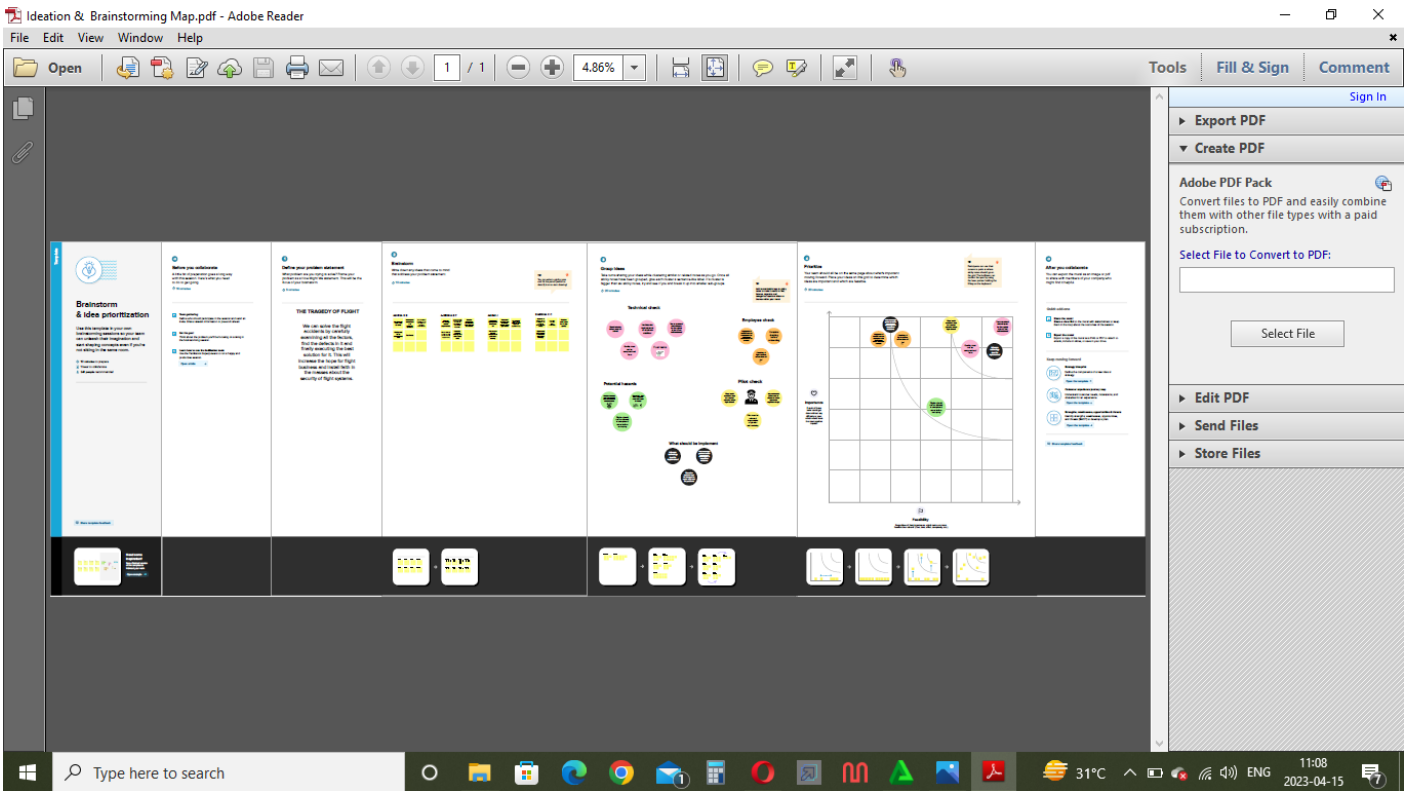
Our project is to analyze the data given which is helpful to find the causes for the flight accidents and to implement better solutions for the flight crash crisis.

2. PROBLEM DEFINITION & DESIGN THINKING

2.1 Empathy Map

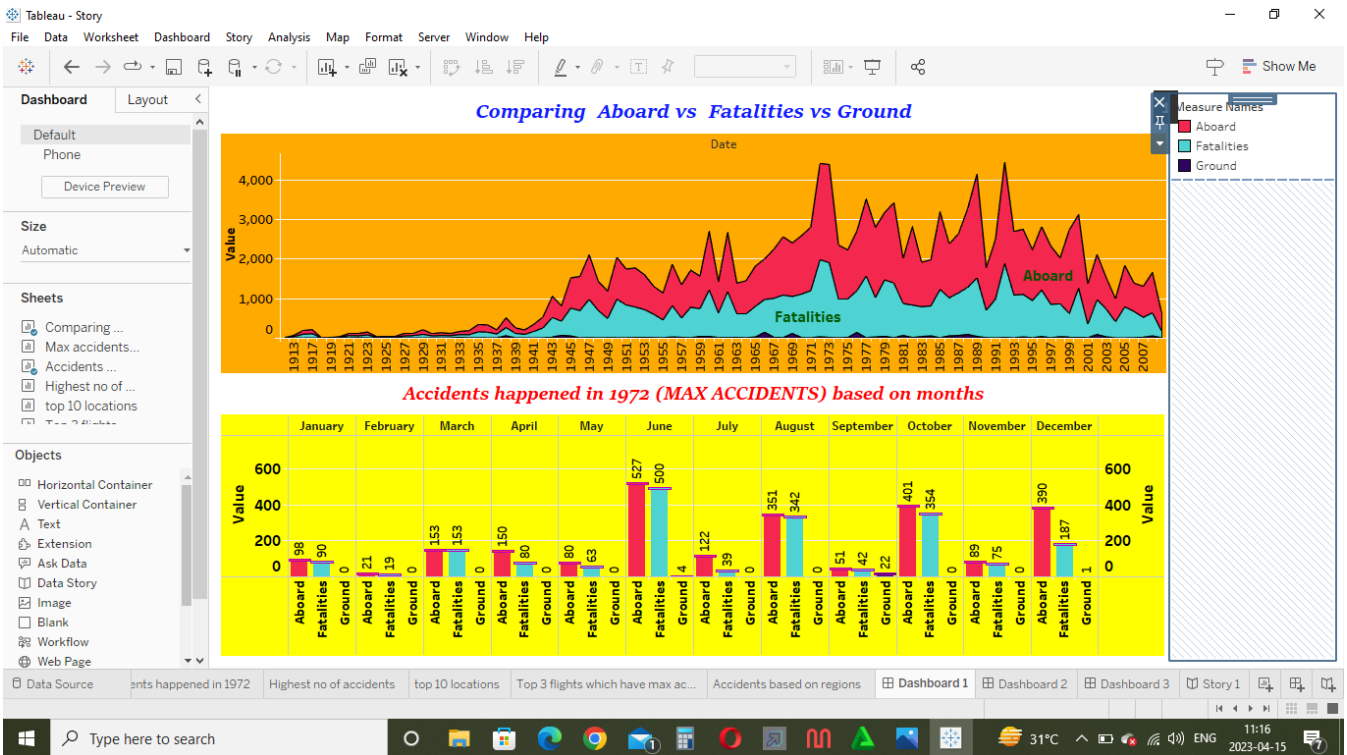


2.2 Ideation & Brainstorming Map

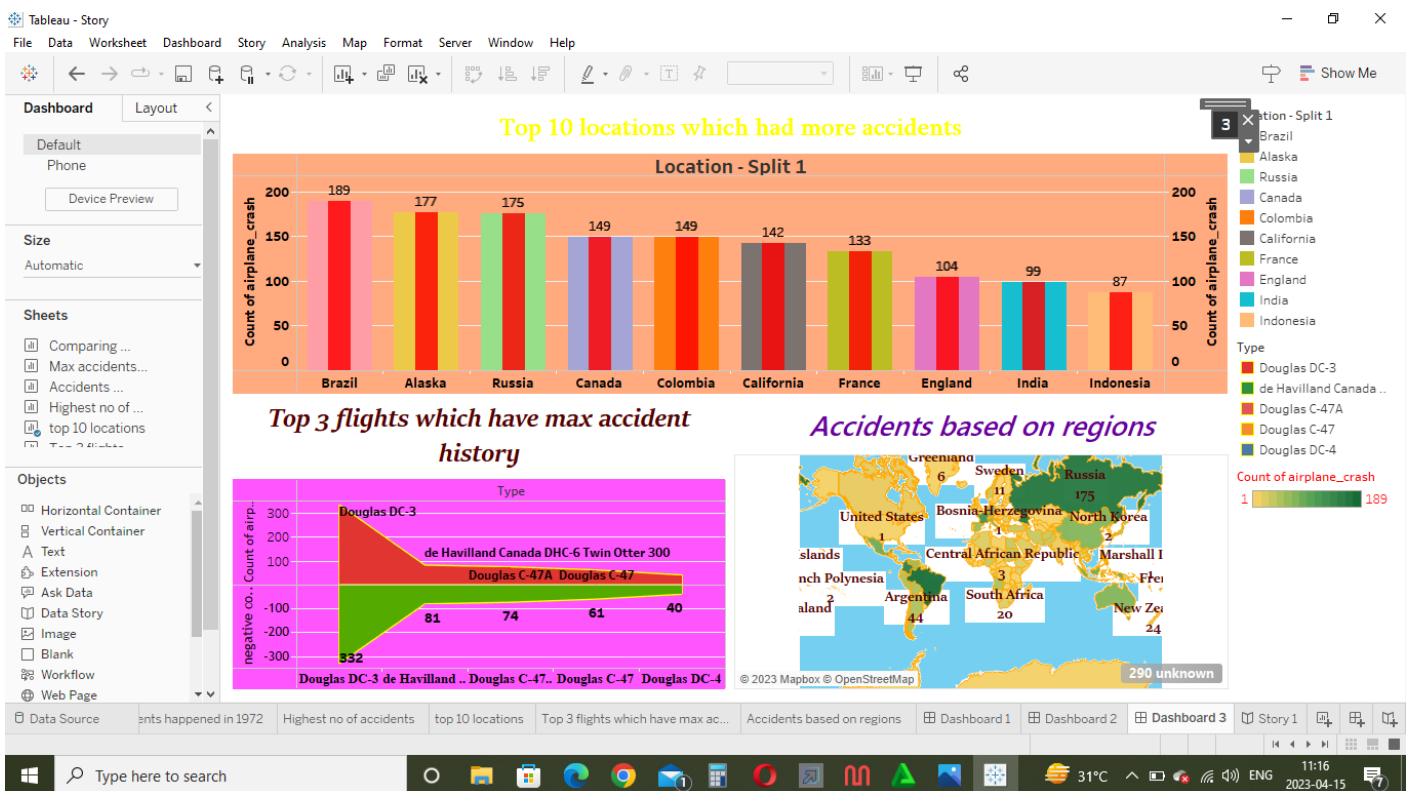
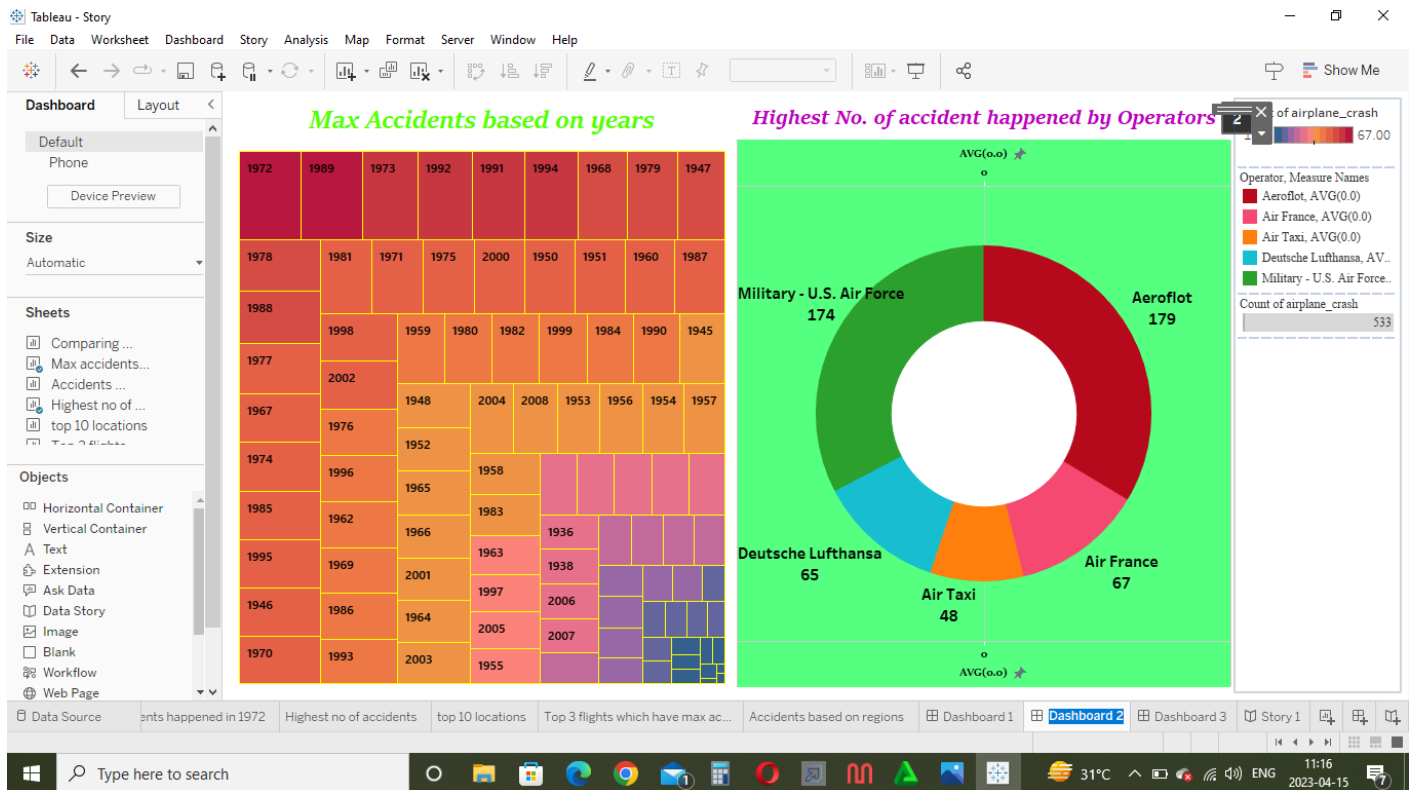


3. RESULT

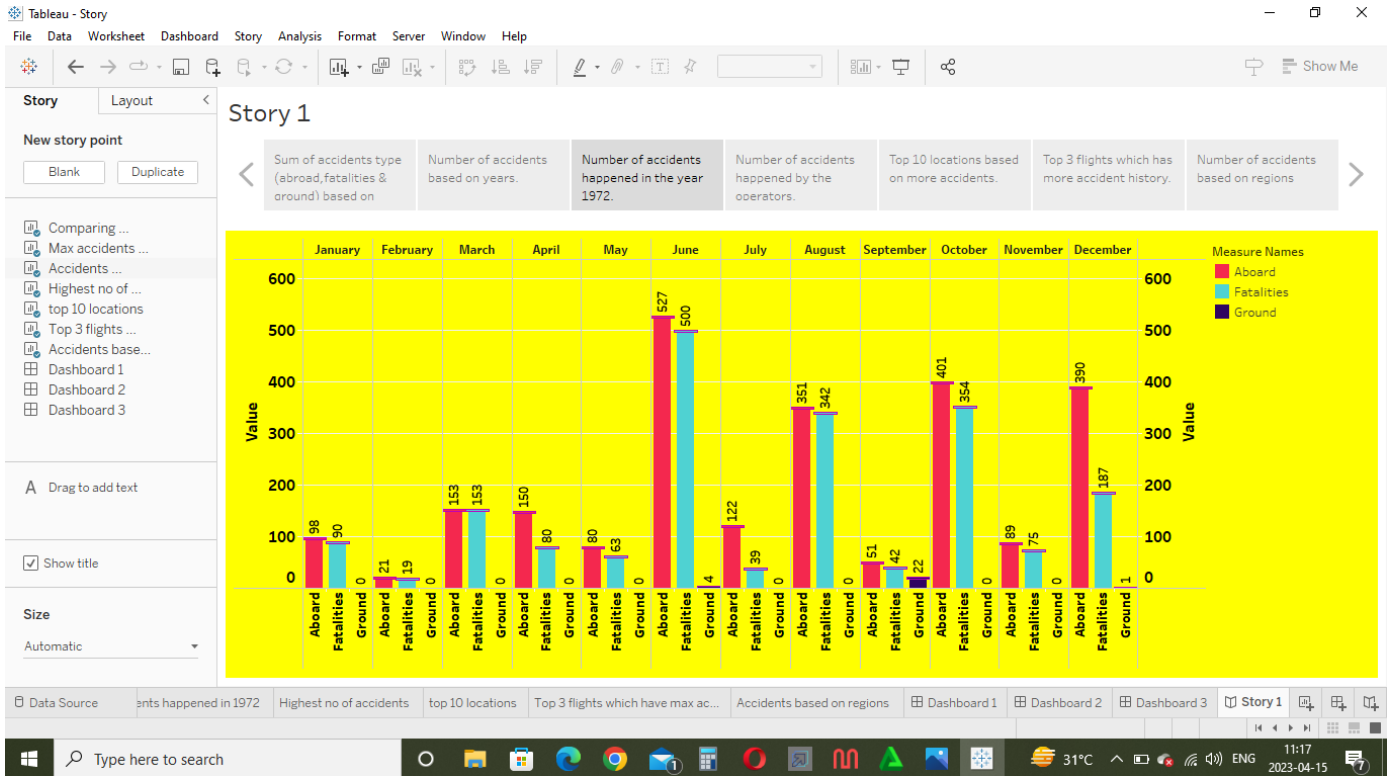
DASHBOARDS



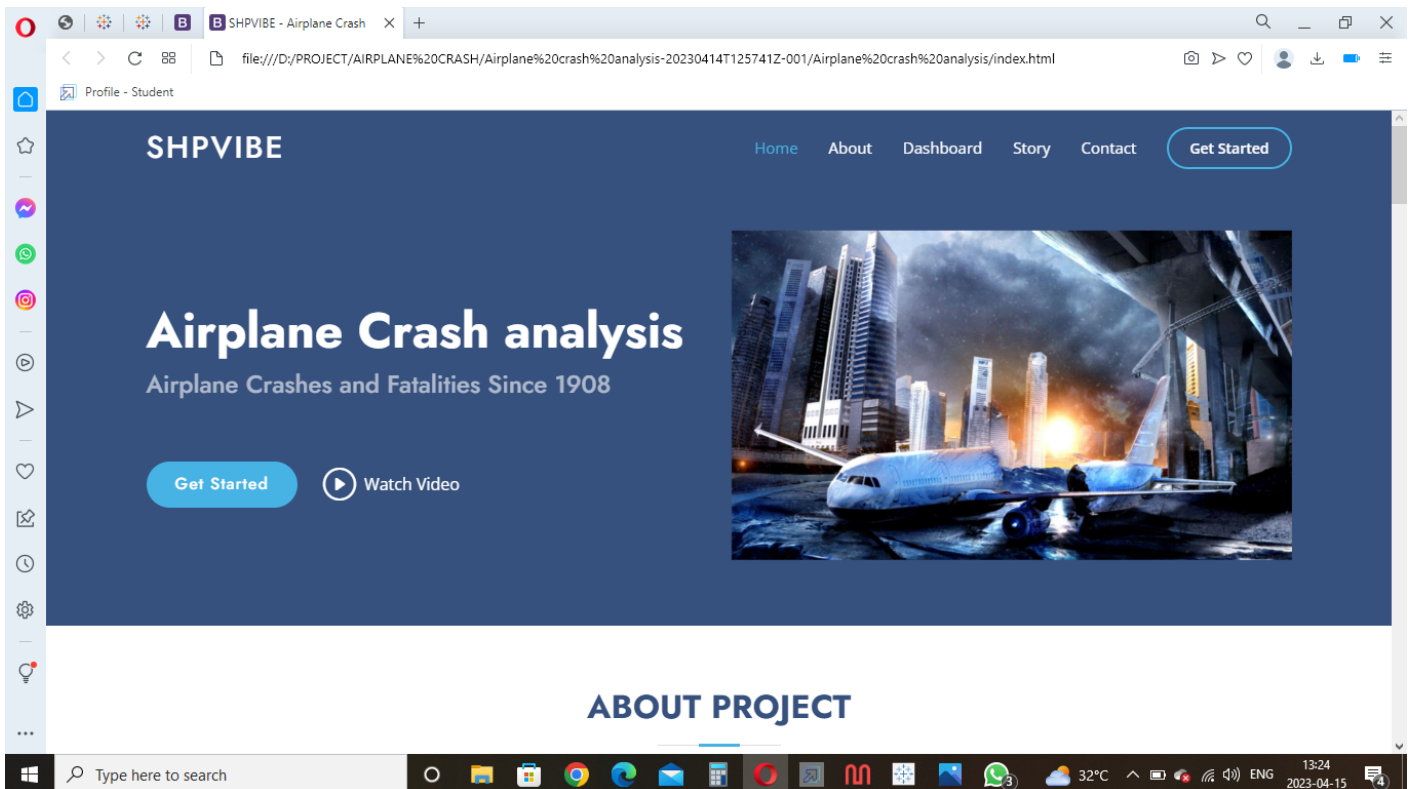
Dashboard:1



STORY



WEB INTEGRATION



4. ADVANTAGES & DISADVANTAGES

ADVANTAGES :

* The final output of this project can give a detailed visualization about various different charts, which helps to understand the trends, causes, effects of various different factors.

* After the final interpretation of the result, we can reduce and prevent the future flight accidents by implementing necessary actions in the concerned sectors.

DISADVANTAGES :

The data was taken from 1908 to 2009, current years are not included.

5. APPLICATIONS

The final output of this project can be utilized by researchers and investigators all over the globe who are trying to resolve problems associated with flight crashes.

6. CONCLUSIONS

In this project , we found out

- * Comparing Aboard vs Fatalities vs Ground ,
- * Maximum accidents based on years,
- * Accidents happened in 1972 (maximum accidents) based on months,
- * 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,
and visualized it in a simplified format in a chart for the easy
understanding of the users .

7. FUTURE SCOPE

* In this project , we have provided simplified
visualization charts about various details of flight crash incidents
all over the globe from 1908 to 2009.

* This analysis of the data will serve as a tool to find
the solution for flight crashes and prevent further such
tragedies.

* If more data information, various different statistics
analysis is done , it will definitely help to pinpoint the exact
problems and as a result, it will improve the safety of airlines
and prevent flight crashes.

8. APPENDIX

A. Source Code

```
<!DOCTYPE html>
<html lang="en">

<head>
<meta charset="utf-8">
<meta content="width=device-width, initial-scale=1.0" name="viewport">

<title>SHPVIBE - Airplane Crash</title>
<meta content="" name="description">
<meta content="" name="keywords">

<!-- Favicons -->
<link href="assets/img/favicon.png" rel="icon">
<link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">

<!-- Google Fonts -->
<link href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,
400i,600,600i,700,700i|Jost:300,300i,400,400i,500,500i,600,600i,700,700i|
Poppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

<!-- Vendor CSS Files -->
<link href="assets/vendor/aos/aos.css" rel="stylesheet">
<link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">
<link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
<link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
<link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
<link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

<!-- Template Main CSS File -->
<link href="assets/css/style.css" rel="stylesheet">

<!-- =====
* Template Name: Arsha - v4.9.1
* Template URL: https://bootstrapmade.com/arsha-free-bootstrap-html-template-corporate/
* Author: BootstrapMade.com
* License: https://bootstrapmade.com/license/
===== -->
```

```

</head>

<body>

<!-- ===== Header ===== -->
<header id="header" class="fixed-top">
  <div class="container d-flex align-items-center">

    <h1 class="logo me-auto"><a href="index.html">SHPVIBE</a></h1>
    <!-- Uncomment below if you prefer to use an image logo -->
    <!-- <a href="index.html" class="logo me-auto"></a>-->

    <nav id="navbar" class="navbar">
      <ul>
        <li><a class="nav-link scrollto active" href="#hero">Home</a></li>
        <li><a class="nav-link scrollto" href="#about">About</a></li>

        <li><a class="nav-link scrollto" href="#team">Dashboard</a></li>

        <li><a class="nav-link scrollto" href="#pricing">Story</a></li>

        <li><a class="nav-link scrollto" href="#contact">Contact</a></li>
        <li><a class="getstarted scrollto" href="#about">Get Started</a></li>
      </ul>
      <i class="bi bi-list mobile-nav-toggle"></i>
    </nav><!-- .navbar -->

  </div>
</header><!-- End Header -->

<!-- ===== Hero Section ===== -->
<section id="hero" class="d-flex align-items-center">

  <div class="container">
    <div class="row">
      <div class="col-lg-6 d-flex flex-column justify-content-center pt-4 pt-lg-0 order-2 order-lg-1" data-aos="fade-up" data-aos-delay="200">
        <h1>Airplane Crash analysis</h1>
        <h2>Airplane Crashes and Fatalities Since 1908</h2>
        <div class="d-flex justify-content-center justify-content-lg-start">
          <a href="#about" class="btn-get-started scrollto">Get Started</a>
          <a href="https://www.youtube.com/@thesmartbridge/videos" class="lightbox btn-watch-video"><i class="bi bi-play-circle">
            </i><span>Watch Video</span></a>
        </div>
      </div>
    </div>
    <div class="col-lg-6 order-1 order-lg-2 hero-img" data-aos="zoom-in" data-aos-delay="200">
      
    </div>
  </div>

</section><!-- End Hero -->

<main id="main">
  <!-- ===== About Us Section ===== -->
  <section id="about" class="about">
    <div class="container" data-aos="fade-up">

      <div class="section-title">
        <h2>About Project</h2>
      </div>

      <div class="row content">
        <div class="col-lg-6">
          <p>
            An aviation accident is defined by the Convention on International Civil Aviation Annex 13 as an occurrence associated with the
            operation of an aircraft, which takes place from the time any person boards the aircraft with the intention of flight until all such
            persons have disembarked, and in which
          </p>
          <ul>
            <li><i class="ri-check-double-line"></i> a) a person is fatally or seriously injured, </li>
            <li><i class="ri-check-double-line"></i> b) the aircraft sustains significant damage or structural failure, or </li>
            <li><i class="ri-check-double-line"></i> c) the aircraft goes missing or becomes completely inaccessible.</li>
          </ul>
        </div>
        <div class="col-lg-6 pt-4 pt-lg-0">
          <p>
            This dataset includes:
          <ul>
            <li><i class="ri-check-double-line"></i> All civil and commercial aviation accidents of scheduled and non-scheduled
              passenger airliners worldwide, which resulted in a fatality (including all U.S. Part 121 and Part 135 fatal accidents)</li>
            <li><i class="ri-check-double-line"></i> All cargo, positioning, ferry and test flight fatal accidents.</li>
            <li><i class="ri-check-double-line"></i> All military transport accidents with 10 or more fatalities.</li>
            <li><i class="ri-check-double-line"></i> All commercial and military helicopter accidents with greater than 10 fatalities.</li>
            <li><i class="ri-check-double-line"></i> All civil and military airship accidents involving fatalities.</li>
            <li><i class="ri-check-double-line"></i> Aviation accidents involving the death of famous people.</li>
          </ul>
        </p>
        </div>
      </div>
    </div>
  </section><!-- End About Us Section -->

```



```

<!-- ===== Cta Section ===== -->
<section id="cta" class="cta">
  <div class="container" data-aos="zoom-in">

    <div class="row">
      <div class="col-lg-9 text-center text-lg-start">
        <h3>Call To Action</h3>
      </div>
      <div class="col-lg-3 cta-btn-container text-center">
        <a class="cta-btn align-middle" href="#">Call To Action</a>
      </div>
    </div>

  </div>
</section><!-- End Cta Section -->
<!-- ===== Team Section ===== -->
<section id="team" class="team section-bg">
  <div class="container" data-aos="fade-up">

    <div class="section-title">
      <h2>Dashboard</h2>
    </div>
    <div class="tableauPlaceholder" id='viz1681483374171' style='position: relative'><noscript><a href="#"><img alt='Dashboard 1
' src='https://public.tableau.com/static/images/Da/Dashboard_16814810545520/Dashboard1&#47;1_rss.png' style='border: none' /></a></noscript><object class='tableauViz' style='display:none;'><param name='host_url'
value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed_code_version' value='3' />
<param name='site_root' value=' ' />
<param name='name' value='Dashboard_16814810545520&#47;Dashboard1' /><param name='tabs' value='no' />
<param name='toolbar' value='yes' /><param name='static_image' value='https://public.tableau.com/static/images/Da/Dashboard_16814810545520&#47;Dashboard1&#47;1.png' /> <param name='animate_transition' value='yes' />
      <param name='display_static_image' value='yes' /><param name='display_spinner' value='yes' />
      <param name='display_overlay' value='yes' /><param name='display_count' value='yes' />
      <param name='language' value='en-US' /><param name='filter' value='publish=yes' /></object></div>
    <script type='text/javascript'>
      var divElement = document.getElementById('viz1681483374171');
      var vizElement = divElement.getElementsByTagName('object')[0];
      if ( divElement.offsetWidth > 800 ) { vizElement.style.width='100%';
      vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else if ( divElement.offsetWidth > 500 )
      { vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';}
      else { vizElement.style.width='100%';vizElement.style.height='777px';}
      var scriptElement = document.createElement('script');
      scriptElement.src = 'https://public.tableau.com/javascripts/api/viz_v1.js';
      vizElement.parentNode.insertBefore(scriptElement, vizElement);
    </script>

  </div>
</section><!-- End Team Section -->

<!-- ===== Pricing Section ===== -->
<section id="pricing" class="pricing">
  <div class="container" data-aos="fade-up">

    <div class="section-title">
      <h2>Story</h2>
    </div>
    <div class="tableauPlaceholder" id='viz1681483729986' style='position: relative'><noscript><a href="#">
<img alt='Story 1 ' src='https://public.tableau.com/static/images/St&#47;Story_16814816765470&#47;Story1&#47;1_rss.png' style='border: none' /></a></noscript><object class='tableauViz' style='display:none;'>
<param name='host_url' value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed_code_version' value='3' />
<param name='site_root' value=' ' /><param name='name' value='Story_16814816765470&#47;Story1' /><param name='tabs' value='no' />
<param name='toolbar' value='yes' /><param name='static_image' value='https://public.tableau.com/static/images/St&#47;Story_16814816765470&#47;Story1&#47;1.png' />
<param name='animate_transition' value='yes' /><param name='display_static_image' value='yes' />
<param name='display_spinner' value='yes' /><param name='display_overlay' value='yes' /><param name='display_count' value='yes' />
<param name='language' value='en-US' /><param name='filter' value='publish=yes' /></object></div>
    <script type='text/javascript'>
      var divElement = document.getElementById('viz1681483729986');
      var vizElement = divElement.getElementsByTagName('object')[0];
      vizElement.style.width='100%';
      vizElement.style.height=(divElement.offsetWidth*0.75)+'px';
      var scriptElement = document.createElement('script');
      scriptElement.src = 'https://public.tableau.com/javascripts/api/viz_v1.js';
      vizElement.parentNode.insertBefore(scriptElement, vizElement);
    </script>

  </div>
</section><!-- End Pricing Section -->

<!-- ===== Contact Section ===== -->
<section id="contact" class="contact">
  <div class="container" data-aos="fade-up">

    <div class="section-title">
      <h2>Contact</h2>
    </div>

    <div class="row">
      <div class="col-lg-5 d-flex align-items-stretch">
        <div class="info">
          <div class="address">
            <i class="bi bi-geo-alt"></i>
            <h4>Location:</h4>
            <p>xxxxxx Street, xxx, xx 53xxx2</p>
          </div>
          <div class="email">
            <i class="bi bi-envelope"></i>
            <h4>Email:</h4>
            <p>info@example.com</p>
          </div>
          <div class="phone">
            <i class="bi bi-phone"></i>
            <h4>Call:</h4>
            <p>+1 5xxx 5xxx8 5xs</p>
          </div>
        </div>
      </div>
    </div>
  </div>

```

```
<iframe src="https://www.google.com/maps/embed?pb=!1m14!1m3!1d12097.433213460943!2d-74.0062269!3d40.7101282!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x0%3A0xb89d1fe6bc499443!2sDowntown+Conference+Center!5e0!3m2!1smk!2sbg!4v1539943755621" frameborder="0" style="border:0; width: 100%; height: 290px;" allowfullscreen></iframe>

</div>

</div>

<div class="col-lg-7 mt-5 mt-lg-0 d-flex align-items-stretch">
  <form action="forms/contact.php" method="post" role="form" class="php-email-form">
    <div class="row">
      <div class="form-group col-md-6">
        <label for="name">Your Name</label>
        <input type="text" name="name" class="form-control" id="name" required>
      </div>
      <div class="form-group col-md-6">
        <label for="name">Your Email</label>
        <input type="email" class="form-control" name="email" id="email" required>
      </div>
      <div class="form-group">
        <label for="name">Subject</label>
        <input type="text" class="form-control" name="subject" id="subject" required>
      </div>
      <div class="form-group">
        <label for="name">Message</label>
        <textarea class="form-control" name="message" rows="10" required></textarea>
      </div>
      <div class="my-3">
        <div class="loading">Loading</div>
        <div class="error-message"></div>
        <div class="sent-message">Your message has been sent. Thank you!</div>
      </div>
      <div class="text-center"><button type="submit">Send Message</button></div>
    </form>
  </div>

</div>

</div>
</section><!-- End Contact Section -->

</main><!-- End #main -->

<!-- ===== Footer ===== -->
<footer id="footer">

  <div class="footer-newsletter">
    <div class="container">
      <div class="row justify-content-center">
        <div class="col-lg-6">
          <h4>Join Our Newsletter</h4>

          <form action="" method="post">
            <input type="email" name="email"><input type="submit" value="Subscribe">
          </form>
        </div>
      </div>
    </div>
  </div>

  <div class="footer-top">
    <div class="container">
      <div class="row">
        <div class="col-lg-3 col-md-6 footer-links">
          <h4>Useful Links</h4>
          <ul>
            <li><i class="bx bx-chevron-right"></i> <a href="#hero">Home</a></li>
            <li><i class="bx bx-chevron-right"></i> <a href="#about">About</a></li>
            <li><i class="bx bx-chevron-right"></i> <a href="#portfolio">Charts</a></li>
            <li><i class="bx bx-chevron-right"></i> <a href="#team">Dashboard</a></li>
            <li><i class="bx bx-chevron-right"></i> <a href="#pricing">Story</a></li>
          </ul>
        </div>

        <div class="col-lg-3 col-md-6 footer-links">
          <h4></h4>
          <ul>
          </ul>
        </div>

        <div class="col-lg-3 col-md-6 footer-links">
          <h4></h4>
          <ul>
          </ul>
        </div>

        <div class="col-lg-3 col-md-6 footer-links">
          <h4>Our Social Networks</h4>
        </div>
      </div>
    </div>
  </div>
</div>
```

```

<div class="social-links mt-3">
  <a href="https://www.linkedin.com/in/hariprabu741/" class="linkedin"><i class="bx bxl-linkedin"></i></a>
  <a href="#" class="twitter"><i class="bx bxl-twitter"></i></a>
  <a href="#" class="facebook"><i class="bx bxl-facebook"></i></a>
  <a href="#" class="instagram"><i class="bx bxl-instagram"></i></a>
  <a href="#" class="google-plus"><i class="bx bxl-skype"></i></a>

</div>
</div>

</div>
</div>
</div>

<div class="container footer-bottom clearfix">
<div class="copyright">
  &copy; Copyright <strong><span>SHPVIBE</span></strong>. All Rights Reserved
</div>
<div class="credits">
  <!-- All the links in the footer should remain intact. -->
  <!-- You can delete the links only if you purchased the pro version. -->
  <!-- Licensing information: https://bootstrapmade.com/license/ -->
  <!-- Purchase the pro version with working PHP/AJAX contact form:
  https://bootstrapmade.com/arsha-free-bootstrap-html-template-corporate/ -->
  Designed by <a href="https://bootstrapmade.com/">SHPVIBE</a>
</div>
</div>
</footer><!-- End Footer -->

<div id="preloader"></div>
<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>
<!-- Vendor JS Files -->
<script src="assets/vendor/aos/aos.js"></script>
<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script src="assets/vendor/waypoints/noframework.waypoints.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>

</body>

</html>

```
