

Project Report

Team ID: Team-591309

Introduction

1.1 Project Overview

This project contains some data analysis processs such as understanding the problem, finding the solution, cleaning the dataset, integrating the dataset into MYSQL, doing some visualizations,dashboards and story in tableau , publishing and finally creating a website using bootstrap and flask.

1.2 Purpose

The purpose of this project is to make sure that it satisfies the client requirements and increasing the driver availability during peak hours by providing some valuable insights to them. By these insights they get to know about their problems and it enables them in taking proper decisions to the existing problem.

2.Literature Survey

2.1 Existing problem

Uber, a leading rideshare company, operates a vast network of drivers and passengers across various cities. In order to enhance the customer experience and driver availability it is important to identify the patterns and trends in expedition demand. But Uber faces a challenge in efficiently managing the driver availability during peak periods.

2.2 References

References include the datset of My Uber Drives-2016, data integration tools include MYSQL, data visalization tools inclcude tableau and web integration tools include bootstrap,flask etc.

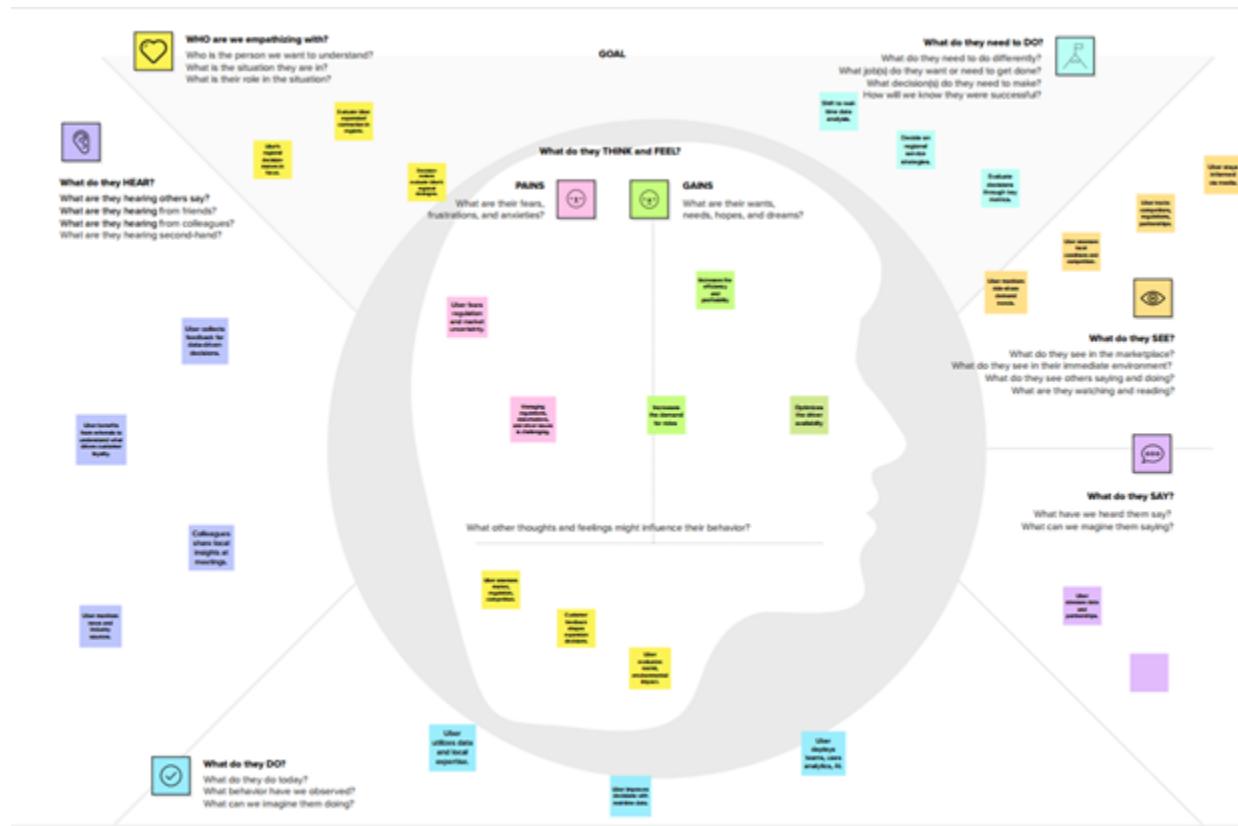
2.3 Problem Statement Definition

Uber, a leading rideshare company, operates a vast network of drivers and passengers across

various cities. In order to enhance the customer experience and driver availability it is important to identify the patterns and trends in expedition demand. But Uber faces a challenge in efficiently managing the driver availability during peak periods. This system addresses the problem by implementing some strategies so that it can meet the customer's satisfaction and driver availability.

3. IDEATION & PROPOSED SOLUTION

1. Empathy Map Canvas:



2. Ideation & Brainstroming:

Brainstorm

Write down any ideas that come to mind that address your problem statement.

⌚ 10 minutes

TIP

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

Person 1

Centralized data integration
Advanced analytics for insights
Real-time monitoring

Scenario planning
Localization strategies

Person 2

Targeted risk mitigation
Resource allocation optimization
Continuous feedback loops

Market segmentation
Dynamic pricing

Person 3

Regional Surveys & Feedback
Competitor Analysis
Local Partnerships

Government Relations
Predictive Maintenance

Person 4

Environmental Assessment
Customer Loyalty Programs
Crisis Response Planning

Cultural Sensitivity Training
Community Engagement

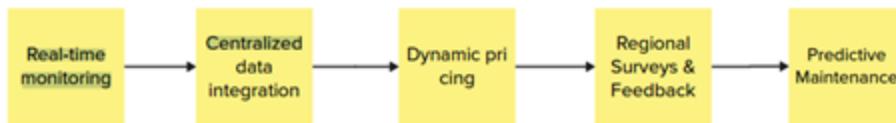
Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

⌚ 20 minutes

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.



Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

⌚ 20 minutes

TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.



4. REQUIREMENT ANALYSIS

1. FUNCTIONAL REQUIREMENTS

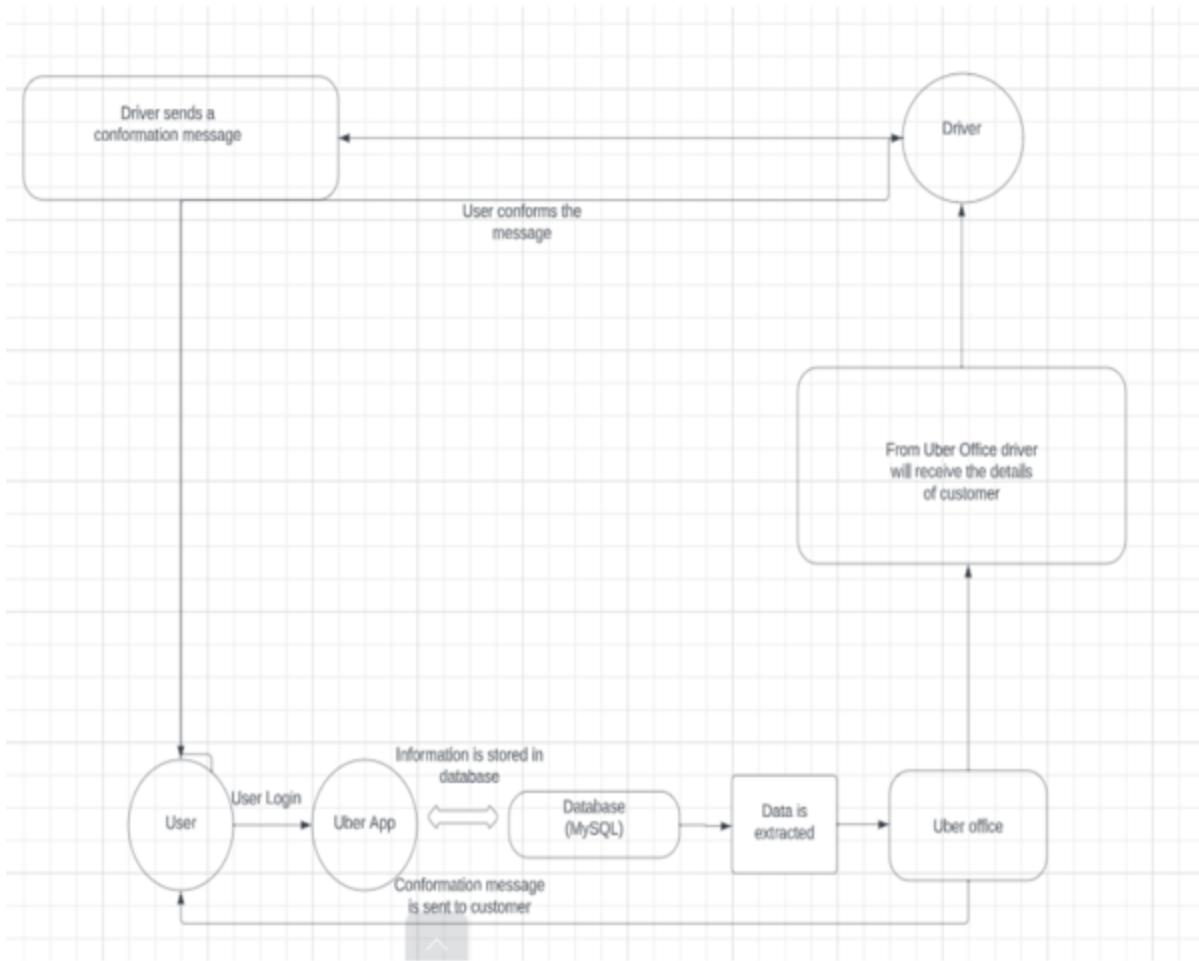
FR NO	FUNCTIONAL REQUIREMENTS(EPIC)	SUB REQUIREMENT (STORY/SUB-TASK)
FR 1	USER REGISTRATION	Registration Via Phone Number Registration Via E-Mail Id Registration Via LinkedIn
FR 2	USER AUTHENTICATION	Confirmation Via OTP Confirmation Via E-Mail Confirmation Via LinkedIn
FR 3	DRIVER MATCHING	The System Should Match The User With An Available Driver Based On Proximity And Other Factors
FR 4	PAYMENT INTEGRATION	Users Should Be Able To Make Payments Through The App Using Various Payment Methods

2. NON- FUNCTIONAL REQUIREMENTS

N-FR NO	NON - FUNCTIONAL REQUIREMENTS(EPIC)	DESCRIPTION
N-FR 1	PERFORMANCE	The App Should Be Able To Handle A Large Number Of Concurrent Users, Ensuring Quick Response Times For Ride Requests, Driver Assignments, And Other Critical Functions
N-FR 2	SCALABILITY	The System Should Be Designed To Scale Seamlessly To Accommodate A Growing User Base And Increased Demand, Without Compromising On Performance
N-FR 3	SECURITY	The App Must Implement Robust Security Measures To Protect User Data, Financial Transactions, And Ensure The Privacy Of Both Users And Drivers
N-FR 4	RELIABILITY	The System Should Be Highly Reliable, With Minimal Downtime. Users Should Be Able To Depend On The App For Their Transportation Needs At Any Time

5. Project Design

5.1 Data Flow Diagrams & User Stories



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
User 1	Registration	USN-1	As a user, I can register for the application by entering my email or phone number, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
User2	Login	USN-2	As a user, I can log into the application by entering email & password or mobile number and OTP	I can receive confirmation email or OTP & click confirm	High	Sprint-1
User3	Cab Booking	USN-3	As a user, I can book my cab from my current location to my destination	I can call the driver and reach my destination	High	Sprint-2
User4	Rating/Review	USN-4	As a user, I can give the rating according to the driver's skills	I can give the rating till 5 stars	Low	Sprint-1

5.2 Solution Architecture

Solution Architecture:

The solution architecture for Uber's expeditionary analysis involves real-time data collection from diverse sources, including mobile apps, websites, and external APIs, utilizing stream processing technologies for immediate data processing. The collected data is stored in both data warehouses for structured data and data lakes for unstructured and raw dataset. ETL processes are applied to clean and transform the data. The architecture ensures data security through encryption, enforces access control via role-based permissions, and complies with relevant data protection regulations. Cloud-based services are employed for scalability, and load balancing techniques are implemented to optimize system performance, enabling Uber to gain actionable insights for enhancing operational efficiency and user experience.

6. PROJECT PLANNING & SCHEDULING

6.1 Technical Architecture

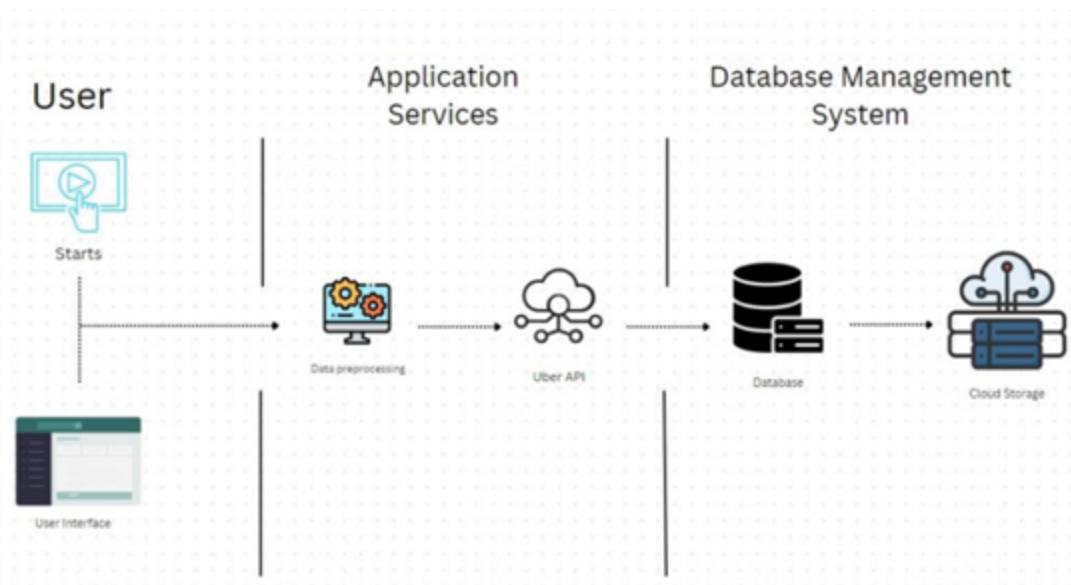


Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.	Python,Bootstrap,Flask
2.	Application Logic-1	Logic for a process in the application	Python
3.	Database	Data Type, Configurations etc.	MySQL
4.	Cloud Database	Database Service on Cloud	Tableau
5.	File Storage	File storage requirements	Local File Storage
6.	External API	Purpose of External API used in the application	Uber API
7.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Cloud Server Configuration :	Local Cloud

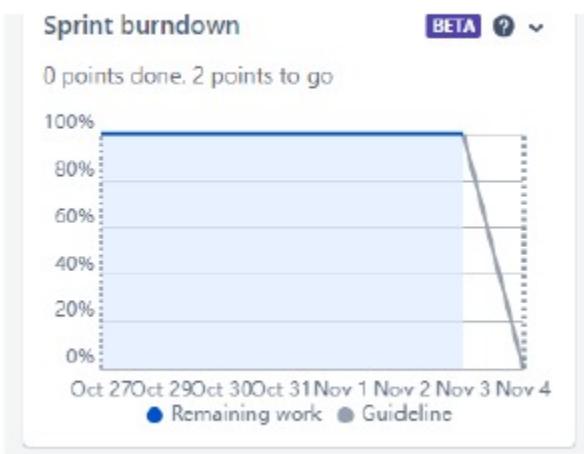
Table-2: Application Characteristics:

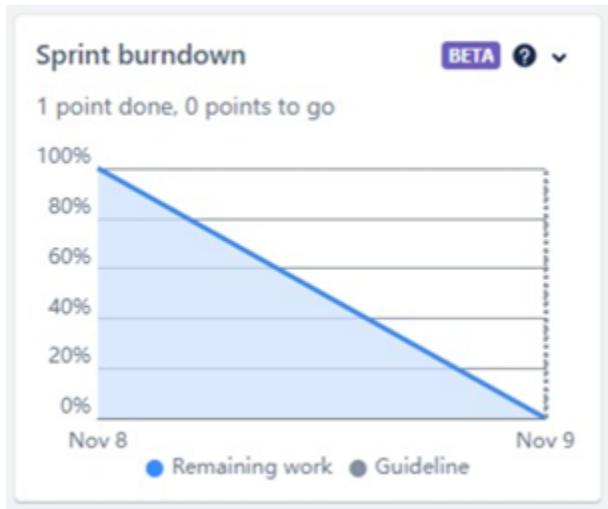
S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	Flask, Bootstrap
2.	Security Implementations	List all the security / access controls implemented, use of firewalls etc.	Flask
3.	Scalable Architecture	Justify the scalability of architecture (3 – tier, Micro-services)	
4.	Availability	Justify the availability of application (e.g. use of load balancers, distributed servers etc.)	
5.	Performance	Design consideration for the performance of the application (number of requests per sec, use of Cache, use of CDN's) etc.	

6.2 Sprint Planning & Estimation



Burndown Chart:
Sprint-1:





6.3 SPRINT DELIVERY SCHEDULE

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data collection	USN-1	As a team member, I can collect the data from the resource so that I can use it for further processes	2	High	Gudibandi Sai Chandana
Sprint-1	Tableau Integration	USN-2	As a team member, I will make sure the data I have received is clean and correct without any errors	2	Medium	Charan Teja
Sprint-3	Tableau Visualization	USN-3	As a team member, I can do some visualizations on the data using tableau	2	High	Aleksa
Sprint-4	Web Integration	USN-4	As a team member, I will create a website using bootstrap a website using bootstrap.	4	Medium	Gudibandi Sai Chandana, Varshitha,

7. CODING & SOLUTIONING (Explain the features added in the project along with code)

index.html

```
index.html X app.py
templates > index.html > html > body > script
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <meta charset="utf-8" />
5  <meta content="width=device-width, initial-scale=1.0" name="viewport" />
6
7  <title>Voyage-Vista- Uber-Expeditionary Analysis</title>
8  <meta content="" name="description" />
9  <meta content="" name="keywords" />
10
11 <!--FavIcons-->
12 <link href="static/assets/img/favicon.png" rel="icon" />
13 <link href="static/assets/img/apple-touch-icon.png" rel="apple-touch-icon" />
14
15 <!--Google Fonts-->
16 <link
17 href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Roboto:300,300i,400,400i,500,500i,700,700i&subset=latin&display=block" rel="stylesheet" />
18
19
20 <!--Vendor CSS Files-->
21 <link href="static/assets/vendor/aos-aos.css" rel="stylesheet" />
22 <link
23 href="static/assets/vendor/bootstrap/css/bootstrap.min.css"
24 rel="stylesheet"
25 />
26 <link
27
28 href="static/assets/vendor/bootstrap-icons/bootstrap-icons.css"
29 rel="stylesheet"
30 />
31 <link href="static/assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet" />
32 <link
33 href="static/assets/vendor/glightbox/css/glightbox.min.css"
34 rel="stylesheet"
35 />
36 <link href="static/assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet" />
37
38 <!--Template Main CSS File-->
39 <link href="static/assets/css/style.css" rel="stylesheet" />
40
41 <!------->
42 /* Template Name: BizLand
43 * Updated: Sep 18 2023 with Bootstrap v5.3.2
44 * Template URL: https://bootstrapmade.com/bizland-bootstrap-business-template/
45 * Author: BootstrapMade.com
46 * License: https://bootstrapmade.com/license/
47 ----->
48 </head>
49
50 <body>
51 <!-------Header----->
52 <header id="header" class="d-flex align-items-center justify-content-between">
53 <div class="container d-flex align-items-center justify-content-between">
54 <h1 class="logo">
```

```

55      <a href="index.html">Uber<span>. </span></a>
56    </h1>
57    <!-- Uncomment below if you prefer to use an image logo -->
58    <!--<a href="index.html"></a>-->
59
60  <nav id="navbar" class="navbar">
61    <ul>
62      <li><a class="nav-link scrollto active" href="#hero">Home</a></li>
63      <li><a class="nav-link scrollto" href="#about">About</a></li>
64      <li><a class="nav-link scrollto" href="#services">Dashboard</a></li>
65      <li><a class="nav-link scrollto" href="#portfolio">Story</a></li>
66
67      <
68      <li><a class="nav-link scrollto" href="#contact">Contact</a></li>
69    </ul>
70    <i class="bi bi-list mobile-nav-toggle"></i>
71  </nav>
72  <!-- .navbar -->
73 </div>
74 </header>
75 <!-- End Header -->
76
77  <!-- Hero Section -->
78  <section id="hero" class="d-flex align-items-center">
79    <div class="container" data-aos="zoom-out" data-aos-delay="100">
80      <h1>Welcome to <span>Uber</span></h1>
81      <h2>Voyage Vista -- Uber Expeditionary Analysis</h2>
82    <div class="d-flex">
83      <a href="#about" class="btn-get-started scrollto">Get Started</a>
84    </div>
85  </div>
86
87  </section>
88  <!-- End Hero -->
89
90  <main id="main">
91    <!-- Featured Services Section -->
92    <section id="featured-services" class="featured-services">
93      <div class="container" data-aos="fade-up"></div>
94    </section>
95    <!-- End Featured Services Section -->
96
97    <!-- About Section -->
98    <section id="about" class="about-section-bg">
99      <div class="container" data-aos="fade-up">
100        <div class="section-title">
101          <h2>About</h2>
102          <h3>Find Out More <span>About Us</span></h3>
103          <p>
104            In this website we have displayed the dashboards and story inorder
105            to solve the problem of uber drivers.
106          </p>
107        </div>
108
109        <div class="row">
110          <div class="col-lg-6" data-aos="fade-right" data-aos-delay="100">
111            
112          </div>
113          <div class="col-lg-6 pt-4 pt-lg-0 content d-flex flex-column justify-content-center"
114            data-aos="fade-up"
115            data-aos-delay="100"
116          >

```

```
117      <h3>Solutions to optimize the current problem</h3>
118      <p class="fst-italic">
119          This system addresses the problem by implementing some
120          strategies so that it can meet the customer's satisfaction and
121          driver availability. These strategies include:
122      </p>
123      <ul>
124          <li>
125              <i class="bx bx-store-alt"></i>
126              <div>
127                  <h5>
128                      Increasing number of drivers, forming partnerships with
129                      local businesses or transportation providers
130                  </h5>
131                  <p>
132                      Increasing number of drivers, forming partnerships with
133                      local businesses or transportation providers can be a
134                      strategic move for Uber to enhance its services in
135                      specific regions.
136                  </p>
137              </div>
138          </li>
139          <li>
140              <i class="bx bx-images"></i>
141              <div>
142                  <h5>Collaborations with local entities</h5>
143                  <p>
144                      Collaborations with local entities can lead to a range of
145                      benefits, including increased customer engagement,
146                      improved accessibility, and enhanced brand loyalty.
147                  </p>
148              </div>
149          </li>
150      </ul>
151      <p>
152          By tapping into local partners' cultural insights, regulatory
153          expertise, and sustainability initiatives, Uber enhances its
154          unique, community-focused experience.
155      </p>
156      </div>
157      </div>
158  </div>
159 </section>
160 <!-- End About Section -->
161
162 <!-- Skills Section -->
163 <section id="skills" class="skills">
164     <div class="container" data-aos="fade-up">
165         <div class="row skills-content">
166             <div class="col-lg-6">
167                 <div class="progress">
168                     <span class="skill">Active Users <i class="val">93.4%</i></span>
169                     <div class="progress-bar-wrap">
170                         <div
171                             class="progress-bar"
172                             role="progressbar"
173                             aria-valuenow="93"
174                             aria-valuemin="0"
175                             aria-valuemax="100"
176                         ></div>
177                     </div>
178                 </div>
179             </div>
```

```
10      <div class="progress">
11        <span class="skill">Annual Revenue <i class="val">71%</i></span>
12        <div class="progress-bar-wrap">
13          <div
14            class="progress-bar"
15            role="progressbar"
16            aria-valuenow="71"
17            aria-valuemin="1"
18            aria-valuemax="100"
19          ></div>
20        </div>
21      </div>
22
23
24
25      <div class="col-lg-6">
26        <div class="progress">
27          <span class="skill">Market share <i class="val">41%</i></span>
28          <div class="progress-bar-wrap">
29            <div
30              class="progress-bar"
31              role="progressbar"
32              aria-valuenow="41"
33              aria-valuemin="0"
34              aria-valuemax="100"
35            ></div>
36          </div>
37        </div>
38
39        <div class="progress">
40          <span class="skill">
41            Uber Revenue declined<i class="val">96.29%</i></span>
42
43          <p>Total no. of trips taken(in crores)</p>
44        </div>
45      </div>
46
47
48      <div class="col-lg-3 col-md-6 mt-5 mt-md-0">
49        <div class="count-box">
50          <i class="bi bi-journal-richtext"></i>
51          <span
52            data-purecounter-start="0"
53            data-purecounter-end="100"
54            data-purecounter-duration="1"
55            class="purecounter"
56          ></span>
57          <p>Number of rides taken every day(in crores)</p>
58        </div>
59      </div>
60
61
62      <div class="col-lg-3 col-md-6 mt-5 mt-lg-0">
63        <div class="count-box">
64          <i class="bi bi-headset"></i>
65          <span
66            data-purecounter-start="0"
67            data-purecounter-end="30"
68            data-purecounter-duration="1"
69            class="purecounter"
70          ></span>
71          <p>Number of driver partners in India(in lakh)</p>
72        </div>
73      </div>
74
75      <div class="col-lg-3 col-md-6 mt-5 mt-lg-0">
```

```
71      </div>
72    </div>
73
74    <div class="col-lg-3 col-md-6 mt-5 mt-lg-0">
75      <div class="count-box">
76        <i class="bi bi-people"></i>
77        <span
78          data-purecounter-start="0"
79          data-purecounter-end="3.5"
80          data-purecounter-duration="1"
81          class="purecounter"
82        ></span>
83        <p>Number of drivers(in million)</p>
84      </div>
85    </div>
86  </div>
87</div>
88</section>
89<!--End Counts Section-->
90
91<!--Clients Section-->
92<section id="clients" class="clients section-bg">
93  <div class="container" data-aos="zoom-in">
94    <div class="row">
95      <div
96        class="col-lg-4 col-md-4 col-6 d-flex align-items-center justify-content-center"
97      >
98        
  </div>

  <div
    class="col-lg-4 col-md-4 col-6 d-flex align-items-center justify-content-center"
  >
    
  </div>

  <div
    class="col-lg-4 col-md-4 col-6 d-flex align-items-center justify-content-center"
  >
    
  </div>
</div>
</div>
</section>
<!--End Clients Section-->

<!-- Services Section -->
<section id="services" class="services">
  <div class="container" data-aos="fade-up">
    <div class="section-title">
```

```
<!-- Services Section -->
<section id="services" class="services">
  <div class="container" data-aos="fade-up">
    <div class="section-title">
      <h2>Dashboard</h2>
      <h3>Checkout our <span>Dashboards</span></h3>
    <div
      class="tableauPlaceholder"
      id="viz1699280945872"
      style="position: relative">
      <noscript>
        <a href="#">
          
        </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="Dashboard1_1699280327490&#47;Dashboard2"
        />
        <param name="tabs" value="no" />
        <param name="toolbar" value="yes" />
      </object>
    </div>
  </div>
</section>
```

```
<param
  name="static_image"
  value="https://public.tableau.com/static/images/Dashboard1"
/>
<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("viz1699280945872");
  var vizElement = divElement.getElementsByTagName("object")[0];
  if (divElement.offsetWidth > 800) {
    vizElement.style.width = "1000px";
    vizElement.style.height = "827px";
  } else if (divElement.offsetWidth > 500) {
    vizElement.style.width = "1000px";
    vizElement.style.height = "827px";
  } else {
    vizElement.style.width = "100%";
    vizElement.style.height = "1327px";
  }
  var scriptElement = document.createElement("script");
  scriptElement.src =
    "https://public.tableau.com/javascripts/api/viz_v1.js";
  vizElement.parentNode.insertBefore(scriptElement, vizElement);
</script>
<div
  class="TableauPlaceholder"
  id="viz1699281048206"
  style="position: relative">
  <noscript>
    <a href="#"></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="Dashboard2_169928027525108#47;Dashboard3"
      />
      <param name="tabs" value="no" />
      <param name="toolbar" value="yes" />
      <param
        name="static_image"
        value="https://public.tableau.com/static/images/Dashboard2_16992802752"
      />
      <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" />
    </object>
  </div>
```

```
423 <param name="language" value="en-US" />
424 <param name="filter" value="publish=yes" />
425 </object>
426 </div>
427 <script type="text/javascript">
428 var divElement = document.getElementById("viz1699281048206");
429 var vizElement = divElement.getElementsByTagName("object")[0];
430 if (divElement.offsetWidth > 800) {
431   vizElement.style.width = "1000px";
432   vizElement.style.height = "827px";
433 } else if (divElement.offsetWidth > 500) {
434   vizElement.style.width = "1000px";
435   vizElement.style.height = "827px";
436 } else {
437   vizElement.style.width = "100%";
438   vizElement.style.height = "1227px";
439 }
440 var scriptElement = document.createElement("script");
441 scriptElement.src =
442   "https://public.tableau.com/javascripts/api/viz\_v1.js";
443 vizElement.parentNode.insertBefore(scriptElement, vizElement);
444 </script>
445 </div>
446 </div>
447 </section>
448 <!--End Services Section-->
449
450 <!--Portfolio Section-->
451 <section id="portfolio" class="portfolio">
452 <div class="container" data-aos="fade-up">
453 <div class="section-title">
454 <!--Portfolio Section-->
455 <section id="portfolio" class="portfolio">
456 <div class="container" data-aos="fade-up">
457 <div class="section-title">
458 <h2>Story</h2>
459 <h3>Check our <span>Story</span></h3>
460 <div
461   class="tableauPlaceholder"
462   id="viz1699287393714"
463   style="position: relative">
464   <noscript>
465     <a href="#">
466       
470     </a>
471   </noscript>
472   <object class="tableauViz" style="display: none">
473     <param
474       name="host_url"
475       value="https://public.tableau.com/" />
476     <param name="embed_code_version" value="3" />
477     <param name="site_root" value="" />
478     <param
479       name="name"
480       value="UberStory_16992873782850" />
481   </object>
482 </div>
483 </div>
484 </div>
485 </div>
486 </div>
487 </div>
488 </div>
489 </div>
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<param name="tabs" value="no" />
<param name="toolbar" value="yes" />
<param
  name="static_image"
  value="https://public.tableau.com/static/images/Ub/UberStory_169928737821"/>
/>
<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("viz1699287393714");
var vizElement = divElement.getElementsByTagName("object")[0];
vizElement.style.width = "1016px";
vizElement.style.height = "991px";
var scriptElement = document.createElement("script");
scriptElement.src =
  "https://public.tableau.com/javascripts/api/viz_v1.js";
vizElement.parentNode.insertBefore(scriptElement, vizElement);
</script>
</div>
</div>
</section>
<!--End Portfolio Section-->
<!-- Contact Section -->
<section id="contact" class="contact">
<div class="container" data-aos="fade-up">
<div class="section-title">
<h2>Contacthttps://www.uber.com</p>
</div>
</div>

<div class="col-lg-3 col-md-6">
<div class="info-box mb-4">
<i class="bx bx-phone-call"></i>
<h3>Call Us</h3>
</div>
</div>
```

```
538      <p>(800) 285-6172</p>
539    </div>
540  </div>
541</div>
542
543  <div class="row" data-aos="fade-up" data-aos-delay="100">
544    <div class="col-lg-6">
545      <iframe
546        class="mb-4 mb-lg-0"
547        src="https://www.google.com/maps/embed?pb=!1m14!1m8!1m3!1d12097.433213460943!2d-74.0062269!3d40.716
548        frameborder="0"
549        style="border: 0; width: 100%; height: 384px"
550        allowfullscreen
551      ></iframe>
552    </div>
553
554    <div class="col-lg-6">
555      <form
556        action="forms/contact.php"
557        method="post"
558        role="form"
559        class="php-email-form"
560      >
561        <div class="row">
562          <div class="col-form-group">
563            <input
564              type="text"
565              name="name"
566              class="form-control"
567              id="name"
568              placeholder="Your Name"
569              required
570              />
571            </div>
572            <div class="col-form-group">
573              <input
574                type="email"
575                class="form-control"
576                name="email"
577                id="email"
578                placeholder="Your Email"
579                required
580                />
581            </div>
582          </div>
583          <div class="form-group">
584            <input
585              type="text"
586              class="form-control"
587              name="subject"
588              id="subject"
589              placeholder="Subject"
590              required
591              />
592          </div>
593          <div class="form-group">
594            <textarea
595              class="form-control"
596              name="message"
597              rows="5"
598              placeholder="Message"
599              required
600              ></textarea>
601        </div>
```

```
1      </div>
2      <div class="my-3">
3          <div class="loading">Loading</div>
4          <div class="error-message"></div>
5          <div class="sent-message">
6              Your message has been sent. Thank you!
7          </div>
8      </div>
9      <div class="text-center">
10          <button type="submit">Send Message</button>
11      </div>
12  </form>
13  </div>
14 </div>
15 </section>
16 <!-- End Contact Section -->
17 </main>
18 <!-- End #main -->
19
20 <!-- ===== Footer ===== -->
21 <footer id="footer">
22     <div class="footer-newsletter"></div>
23
24     <div class="footer-top">
25         <div class="container">
26             <div class="row">
27                 <div class="col-lg-3 col-md-6 footer-contact">
28                     <h3>Uber<span>.</span></h3>
29                     <p>
30                         1515 3rd Street <br />
31                         San Francisco, CA 94158 <br /><br />
```

```
<div class="col-lg-3 col-md-6 footer-contact">
    <h3>Uber<span>.</span></h3>
    <p>
        1515 3rd Street <br />
        San Francisco, CA 94158 <br /><br />
        <strong>Phone:</strong> (800) 285-6172<br />
        <strong>Email:</strong> https://www.uber.com<br />
    </p>
</div>

<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="#">Home</a>
        </li>
        <li>
            <i class="bx bx-chevron-right"></i> <a href="#">About us</a>
        </li>
        <li>
            <i class="bx bx-chevron-right"></i> <a href="#">Dashboard</a>
        </li>
        <li>
            <i class="bx bx-chevron-right"></i>
            <a href="#">Story</a>
        </li>
        <li>
            <i class="bx bx-chevron-right"></i>
            <a href="#">Privacy policy</a>
        </li>
    </ul>
</div>
```

```
657      <a href="#">Privacy Policy</a>
658    </li>
659  </ul>
660</div>
661<div class="col-lg-3 col-md-6 footer-links">
662  <h4>Our Services</h4>
663  <ul>
664    <li>
665      <i class="bx bx-chevron-right"></i>
666      <a href="#">UberX Share</a>
667    </li>
668    <li>
669      <i class="bx bx-chevron-right"></i>
670      <a href="#">Uber Green</a>
671    </li>
672    <li>
673      <i class="bx bx-chevron-right"></i>
674      <a href="#">Uber Rent</a>
675    </li>
676    <li>
677      <i class="bx bx-chevron-right"></i>
678      <a href="#">Uber Reserve</a>
679    </li>
680    <li>
681      <i class="bx bx-chevron-right"></i>
682      <a href="#">UberX</a>
683    </li>
684  </ul>
685</div>
686<div class="col-lg-3 col-md-6 footer-links">
687  <h4>Our Social Networks</h4>
688  <p>
689    Please contact Uber using these social media platforms which we have provided below
690  </p>
691  <div class="social-links mt-3">
692    <a href="#" class="twitter"><i class="bx bxl-twitter"></i></a>
693    <a href="#" class="facebook"><i class="bx bxl-facebook"></i></a>
694    <a href="#" class="instagram"><i class="bx bxl-instagram"></i></a>
695    <a href="#" class="google-plus"><i class="bx bxl-skype"></i></a>
696    <a href="#" class="linkedin"><i class="bx bxl-linkedin"></i></a>
697  </div>
698</div>
699</div>
700</div>
701</div>
702</div>
703</div>
704</div>
705<div class="container py-4">
706  <div class="copyright">
707    &copy; Copyright
708    <strong><span>2023 Uber Technologies Inc.</span></strong>
709    . All Rights Reserved
710  </div>
711</div>
712</div>
713</div>
714<!--End Footer-->
```

```

716     <div id="preloader"></div>
717     <a
718       href="#"
719       class="back-to-top d-flex align-items-center justify-content-center"
720       ><i class="bi bi-arrow-up-short"></i>
721     ></a>
722
723     <!--Vendor JS Files-->
724     <script src="static/assets/vendor/purecounter/purecounter_vanilla.js"></script>
725     <script src="static/assets/vendor/aos-aos.js"></script>
726     <script src="static/assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
727     <script src="static/assets/vendor/glightbox/js/glightbox.min.js"></script>
728     <script src="static/assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
729     <script src="static/assets/vendor/swiper/swiper-bundle.min.js"></script>
730     <script src="static/assets/vendor/waypoints/noframework.waypoints.js"></script>
731     <script src="static/assets/vendor/php-email-form/validate.js"></script>
732
733     <!--Template Main JS File-->
734     <script src="static/assets/js/main.js"></script>
735   </body>
736 </html>
737

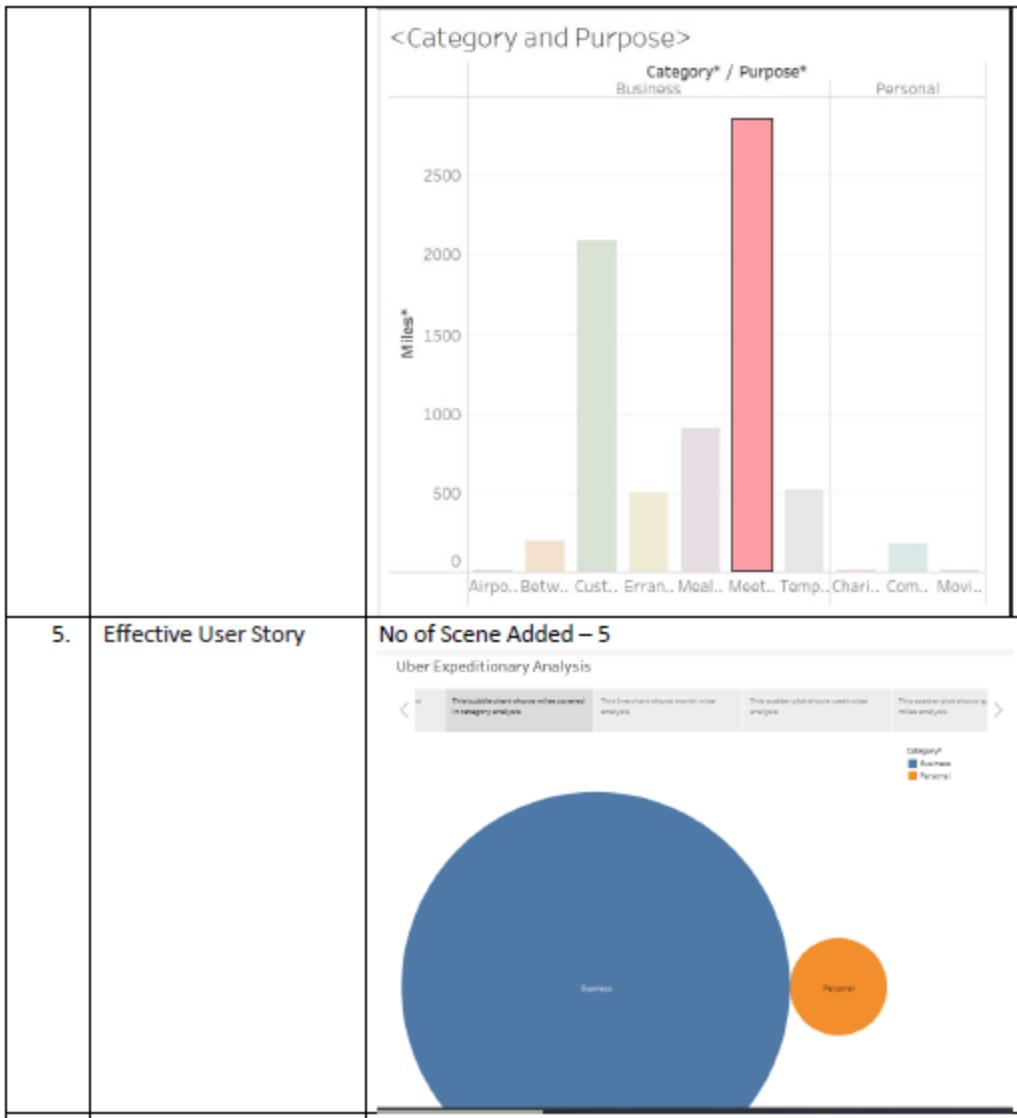
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8. Performance Testing

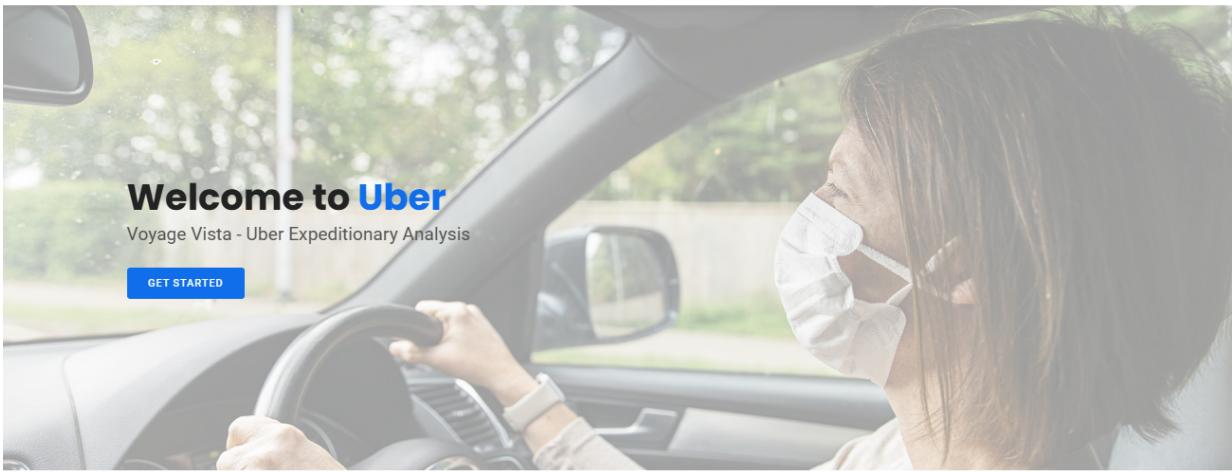
8.1 Performance Metrics

S.No.	Parameter	Screenshot / Values																																																										
1.	Dashboard design	<p>No of Visualizations / Graphs – 8</p> <p><Category and Purpose></p> <table border="1"> <thead> <tr> <th>Category</th> <th>Miles*</th> </tr> </thead> <tbody> <tr><td>Airport/Trav.</td><td>~10</td></tr> <tr><td>Between Off..</td><td>~10</td></tr> <tr><td>Customer Vi..</td><td>~2000</td></tr> <tr><td>Errand/Supp..</td><td>~100</td></tr> <tr><td>Mea[Entert..</td><td>~1000</td></tr> <tr><td>Meeting</td><td>~1800</td></tr> <tr><td>Temporary ..</td><td>~100</td></tr> <tr><td>Charity (\$)</td><td>~10</td></tr> <tr><td>Commute</td><td>~10</td></tr> <tr><td>Moving</td><td>~10</td></tr> </tbody> </table> <p><Category Analysis></p> <table border="1"> <thead> <tr> <th>Purpose*</th> <th>Value</th> </tr> </thead> <tbody> <tr><td>Airport/Travel</td><td>Large Blue Circle</td></tr> <tr><td>Between Off..</td><td>Small Orange Circle</td></tr> </tbody> </table> <p><Month wise analysis></p> <table border="1"> <thead> <tr> <th>Month of End Date* [2016]</th> <th>Miles*</th> </tr> </thead> <tbody> <tr><td>April</td><td>~1800</td></tr> <tr><td>July</td><td>~1000</td></tr> <tr><td>October</td><td>~1800</td></tr> </tbody> </table> <p><Week wise analysis></p> <table border="1"> <thead> <tr> <th>End Date*</th> <th>Miles*</th> </tr> </thead> <tbody> <tr><td>Week 3</td><td>374.4</td></tr> <tr><td>Week 8</td><td>103.5</td></tr> <tr><td>Week 13</td><td>781.6</td></tr> <tr><td>Week 18</td><td>525.8</td></tr> <tr><td>Week 23</td><td>747.3</td></tr> <tr><td>Week 28</td><td>433.8</td></tr> <tr><td>Week 33</td><td>521.4</td></tr> <tr><td>Week 38</td><td>640.5</td></tr> <tr><td>Week 43</td><td>91.4</td></tr> <tr><td>Week 48</td><td>83.4</td></tr> </tbody> </table>	Category	Miles*	Airport/Trav.	~10	Between Off..	~10	Customer Vi..	~2000	Errand/Supp..	~100	Mea[Entert..	~1000	Meeting	~1800	Temporary ..	~100	Charity (\$)	~10	Commute	~10	Moving	~10	Purpose*	Value	Airport/Travel	Large Blue Circle	Between Off..	Small Orange Circle	Month of End Date* [2016]	Miles*	April	~1800	July	~1000	October	~1800	End Date*	Miles*	Week 3	374.4	Week 8	103.5	Week 13	781.6	Week 18	525.8	Week 23	747.3	Week 28	433.8	Week 33	521.4	Week 38	640.5	Week 43	91.4	Week 48	83.4
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Week 43	91.4																																																											
Week 48	83.4																																																											
2.	Data Responsiveness	Data's will dynamically changed and graph also changed.																																																										

		<p><Category and Purpose></p>
3.	Amount Data to Rendered (DB2 Metrics)	<p>Number of rows lead-1156 Number of rows loaded-1156 Number of rows rejected-0</p>
4.	Utilization of Data Filters	<p>Filters are used to remove null values in dataset.</p>



9. Results



Welcome to Uber

Voyage Vista - Uber Expeditionary Analysis

[GET STARTED](#)

Find Out More [About Us](#)

In this website we have displayed the dashboards and story in order to solve the problem of uber drivers.



Solutions to optimize the current problem

This system addresses the problem by implementing some strategies so that it can meet the customer's satisfaction and driver availability. These strategies include:



Increasing number of drivers, forming partnerships with local businesses or transportation providers

Increasing number of drivers, forming partnerships with local businesses or transportation providers can be a strategic move for Uber to enhance its services in specific regions.

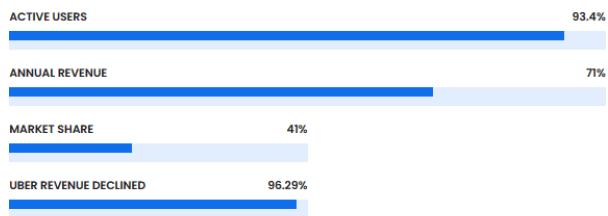


Collaborations with local entities

Collaborations with local entities can lead to a range of benefits, including increased customer engagement, improved accessibility, and enhanced brand loyalty.

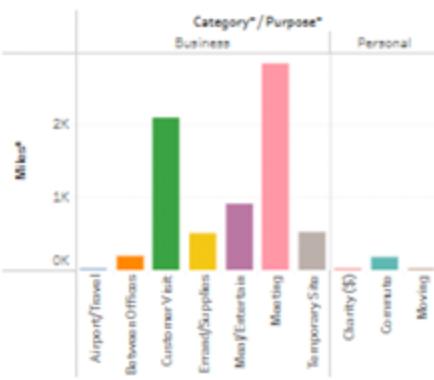
By tapping into local partners' cultural insights, regulatory expertise, and sustainability initiatives, Uber enhances its unique, community-focused experience.



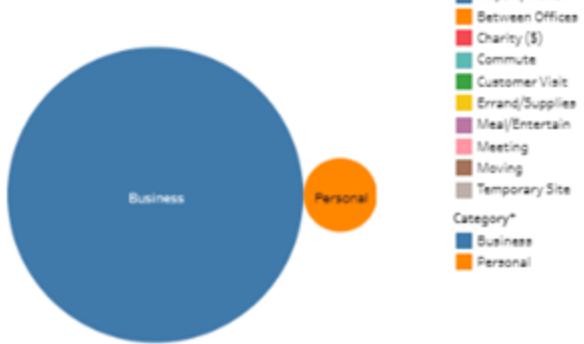


Checkout our Dashboards

<Category and Purpose>



<Category Analysis>



Purpose*

- Airport/Travel
- Between Offices
- Charity (\$)
- Commuter
- Customer Visit
- Errand/Supplies
- Meal/Entertain
- Meeting
- Moving
- Temporary Site

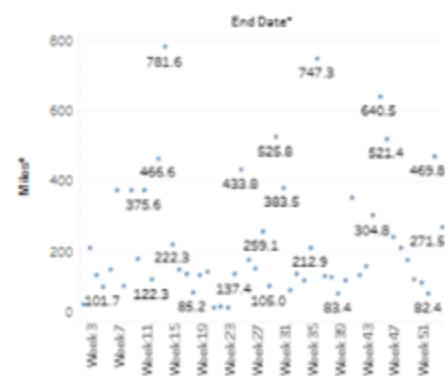
Category*

- Business
- Personal

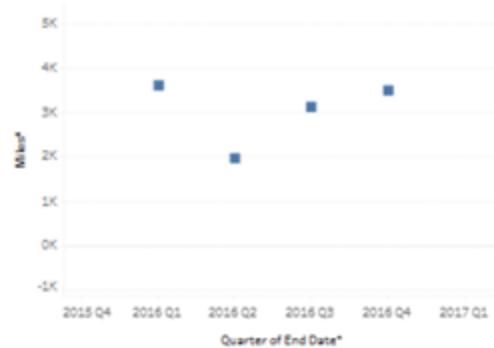
<Month wise analysis>



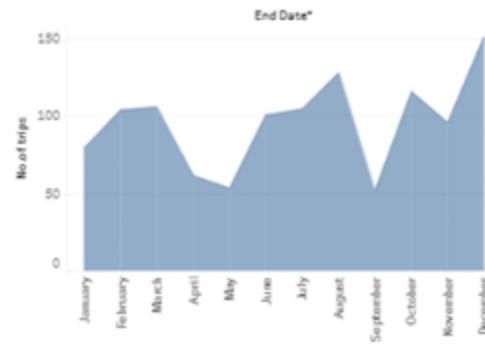
<Week wise analysis>



<Quarter wise analysis>



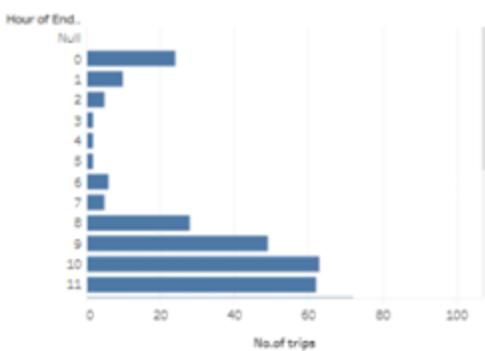
<Month wise trip analysis>



<Quarter wise trip analysis>



<Hour wise analysis>



STORY

Check our Story

Uber Expeditionary Analysis



id

This bubble chart shows miles covered in category analysis

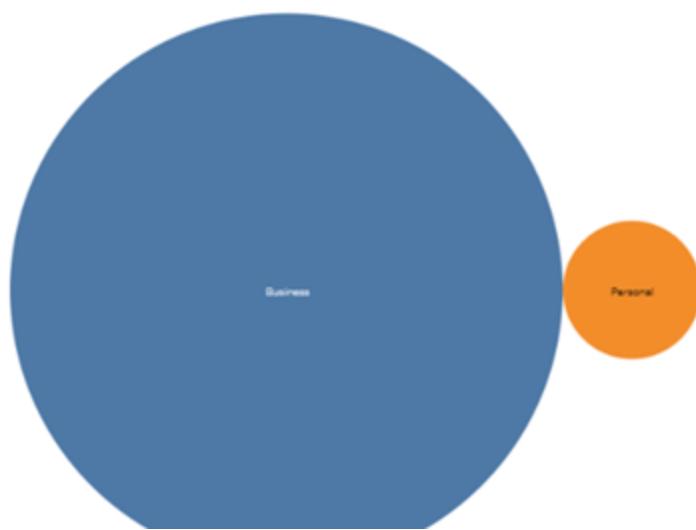
This line chart shows month wise analysis

This scatter plot shows week wise analysis

This scatter plot shows quarter wise analysis

Category*

- Business
- Personal



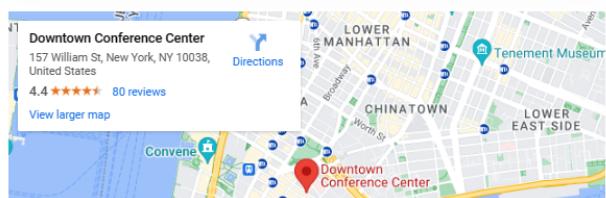
[CONTACT](#)

Contact Us

Any queries reach out to us.

Our Address

1515 3rd Street San Francisco, CA 94158



Email Us

<https://www.uber.com>



Call Us

(800) 285-6172

Your Name

Your Email

Subject

Message

[Send Message](#)

Uber.

1515 3rd Street
San Francisco, CA 94158

Phone: (800) 285-6172
Email: <https://www.uber.com/>

Useful Links

- Home
- About us
- Dashboard
- Story
- Privacy policy

Our Services

- UberX Share
- Uber Green
- Uber Rent
- Uber Reserve
- UberX

Our Social Networks

Please contact Uber using these social media platforms which we have provided below



© Copyright 2023 Uber Technologies Inc.. All Rights Reserved



10. Advantages and Disadvantages

Advantages:

- Dynamic Visualizations
- Valuable Insights
- Current Information about Uber
- Contact details

Disadvantages:

- Page Hovering

- Directed links at bottom are not directed to specified websites
- Dashboards are Story is based on 2016 dataset

11. Conclusion

This project gives valuable insights about uber by dashboards,story,graphs etc. so that they can get to know the current trends and rectify their existing problems.

12. Future Scope

Further more visualizations can be added to this website and more appealing templates can be added.

13. Appendix

Source Code

<https://drive.google.com/file/d/1612HqWt3FktKXq4Tn5wk5G-kF8rs2joh/view?usp=sharing>

Github

<https://github.com/smartinternz02/SI-GuidedProject-587159-1697115472/tree/main/Performance%20and%20Final%20Submission%20Phase/Performance%20Testing/Project%20Report>

Project demo link

<https://drive.google.com/file/d/1612HqWt3FktKXq4Tn5wk5G-kF8rs2joh/view?usp=sharing>