PROJECT REPORT

Team Member

Amey Bhat 20BDS0133

Priyansh Agarwal 20BEC0226

Om Paralikar 20BCT0198

Karan Baj 20BCE0754

VIT VELLORE CAMPUS

Voyage Vista Illuminating Insight from Uber Expenditure Analytics

Introduction

Project Overview:

Voyage Vista is a Tableau project focused on providing Illuminating insight into Uber's expenditure analytics. The objective of the project is to find significant trends, patterns, and practical details regarding Uber's spending patterns by utilizing data visualization and analytics. The ultimate objective is to provide Uber decision-makers with the knowledge and tools essential to make strategic decisions that maximize spending and improve overall operational efficiency.

Identify whether Uber's operations involve areas of excessive spending, cost inefficiencies, and potential cost-saving possibilities. Acquire knowledge about how various business units or regions allocate and use their budgets to assist with resource optimization and informed decisions. Analyze the spending patterns of your vendors, assess their efficacy, and look for areas where you may negotiate or consolidate to reduce costs. Create precise financial estimates using previous spending data to assist with strategic planning and budgeting strategies. To make sure that internal policies, budgetary constraints, and regulatory requirements are being followed, expenditure data must be tracked and analyzed.

Tableau, powerful data analytics, and visualization tool, has been utilized as Voyage Vista as part of their data-driven approach. gathering information on Uber's spending from a range of sources, such as financial records, transactional data, and expense reports. By eliminating duplicates, dealing with missing values, and integrating several data sources into a single dataset, data integrity is ensured. Comprehending the data's distribution, structure, and underlying patterns by performing a thorough examination of the data.

Leveraging Tableau to create easy to understand and clever visualizations that effectively communicate crucial findings and reveal hidden insights. Applying cutting-edge analytical methods, such as trend analysis, clustering, and anomaly detection, to derive insightful conclusions from the data. creating Tableau dashboards and reports that are interactive and enable stakeholders to explore data, get insights, and track important performance indicators. Ensuring that the project's findings are fresh and applicable.

Project Purpose:

The goal of the Voyage Vista project, "Illuminating Insight from Uber Expenditure Analytics," is to use data analytics and data visualization to offer valuable insights into Uber's spending patterns. Voyage Vista aims to locate areas of wasteful spending and financial inefficiencies inside Uber's operations through reviewing expenditure data. The project looks for ways to maximize efficiency and cut costs to increase profitability. Effective resource management requires an understanding of how different business units or regions distribute and use their budgets. Voyage Vista offers insights into spending trends, facilitating resource optimization throughout the organization, and allowing for well-informed decision-making. To spot areas for negotiation or consolidation, the project examines vendor spending trends, assesses vendor performance, and analyses vendor spending trends. Uber can provide value

for money and increase cost effectiveness by maximizing vendor connections. The development of accurate financial forecasts is facilitated using historical expenditure data. By offering insights into potential spending trends and patterns, these projections aid in strategic planning, budgeting, and decision-making. Voyage Vista assists in keeping track of expenditure data to ensure compliance with legal requirements, internal procedures, and financial constraints. Uber can address problems and reduce risks by spotting potential compliance violations. The Voyage Vista project's overall goal is to give Uber's decision-makers actionable insights that maximize spending, enhance operational efficiency, and support wise strategic decisions. The project intends to improve budget allocation, boost vendor management, enable precise financial forecasting, and maintain compliance throughout the organization by leveraging data visualization and analytics.

Literature Survey

Existing problem:

Data Gathering and Integration: Gathering and integrating data from diverse sources, including financial records, transactional data, and expense reports, is essential for analysis. To guarantee accuracy and consistency, this data needs to be cleansed and harmonized.

Exploratory Data Analysis (EDA): EDA is the process of analyzing data to discover its distribution, structure, and underlying trends. To gain preliminary insights and pinpoint possible areas of interest, techniques including data visualization, statistical analysis, and data profiling can be applied.

Data Visualization: The Voyage Vista project's use of data visualization is essential. To effectively explain insights and trends in the expenditure data, visual representations like charts, graphs, and dashboards are made using tools like Tableau. Stakeholders may examine and comprehend the data more intuitively and insightfully thanks to interactive visualizations.

Advanced Analytics Methods: To glean deeper insights from the expenditure data, advanced analytics methods might be used. These methods could include machine learning algorithms, trend analysis, clustering, anomaly identification, and predictive modelling. They aid in revealing underlying connections, trends, and predictors that may not be readily apparent through conventional analysis techniques.

Financial Forecasting Models: Forecasting models can be created to predict future spending trends using previous data on expenditures. These models' precise financial forecasts and projections can aid in strategic planning, budget allocation, and decision-making processes.

Benchmarking and Comparative Analysis: Comparative analysis compares Uber's spending information to those of comparable companies, best practices, or other industries. Insights for improvement and optimization are provided by being able to pinpoint areas where Uber may fall short or outperform its competitors.

Iterative Analysis and Continuous Monitoring: The Voyage Vista project will create a framework for ongoing monitoring of expenditure data. Insights and recommendations are kept current and pertinent through routine updates, analysis, and monitoring of expenditure

patterns and trends. Uber's spending patterns over time can be better understood and adjusted through iterative study.

The Voyage Vista project can analyze Uber's spending data effectively, produce insightful findings, and support decision-making processes for cost optimization, budget allocation, vendor management, financial forecasting, and compliance monitoring by utilizing these tried-and-true techniques.

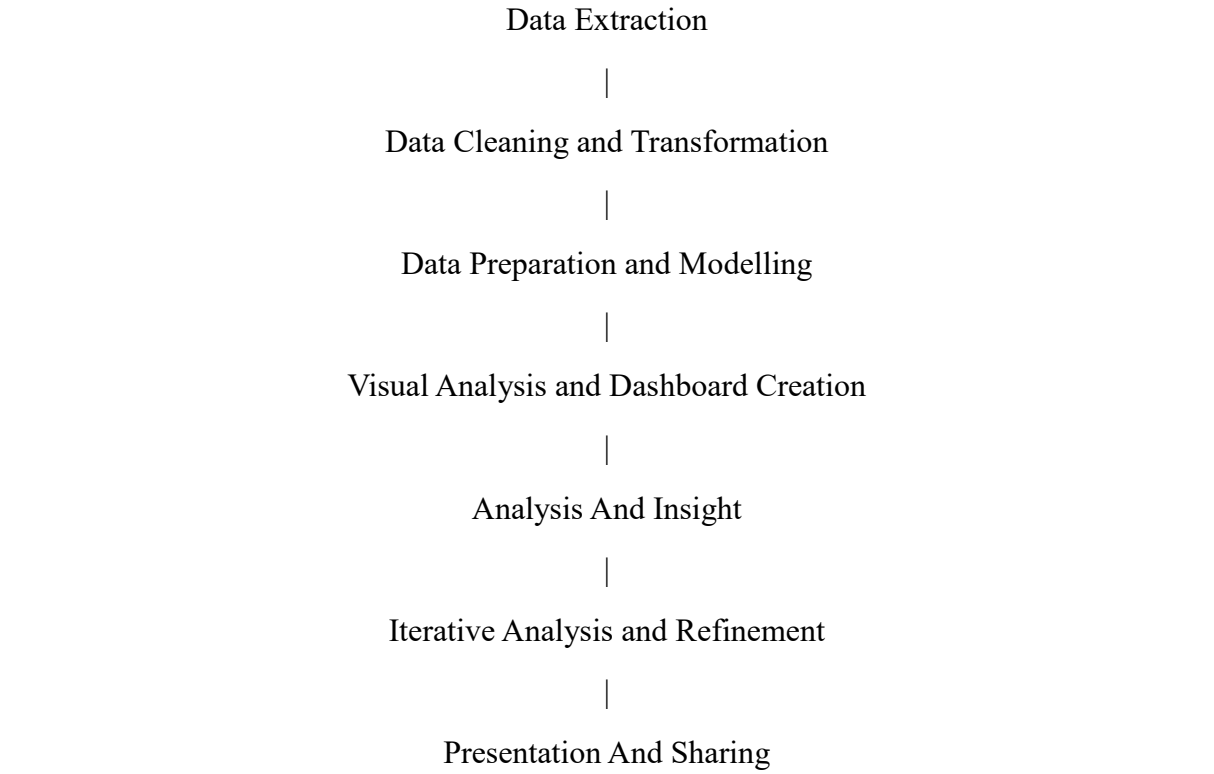
Proposed solution

The goal of the suggested Tableau solution is to review Uber's spending data and offer enlightening insights to spot areas of wasteful spending, cost inefficiencies, and potential cost-saving opportunities. The solution promises to equip decision-makers with useful data so they can more effectively handle resources, boost financial performance, and make wiser choices.

- Data fusion: Combine information about Uber's spending from several databases, financial systems, and operational records. To make the data integration process more efficient, use Tableau's data connectors and ETL features.
- Perform data cleansing and transformation procedures to verify the accuracy and consistency of your data. To handle data cleaning, blending, and enrichment chores, use Tableau's data preparation tools or third-party data preparation platforms.
- Visual analytics and dashboards: Use Tableau's drag-and-drop interface to build engaging, interactive dashboards. Create simple visual representations of critical expenditure data, trends, and comparisons, such as tables, maps, charts, and graphs.
- Ad-Hoc Analysis and Drill-Down: By offering interactive features like filters, parameters, and fast filters, you may enable users to do ad-hoc analysis. Allowing users to drill down into dimensions or hierarchies will enable them to thoroughly analyze the spending data and produce detailed insights.
- Advanced Analytics and Forecasting: Use Tableau to perform trend analysis, forecasting, and predictive analysis by using advanced analytics approaches. To obtain useful insights, use Tableau's built-in statistical features or combine them with other analytical software.
- Allowing users to remark, comment on, and share dashboards with stakeholders would promote collaboration and knowledge sharing. Use Tableau's collaboration tools, such as email notifications, subscriptions, and commenting capabilities.
- Mobile Accessibility: To provide simple access to and interaction with spending analytics information while on the go, optimize the dashboards for mobile devices.
- Security and data governance: To protect sensitive expenditure data, put in place strong security measures. Utilize data encryption and user-level access controls to protect data confidentiality and adhere to data governance principles.
- Training and Support: To help users improve their Tableau abilities and make the most of the solution, offer users training and support. Provide online resources, workshops, and documentation to help users make the most of Tableau's features.
- Iterative Improvement: To adapt the solution to changing business demands, continuously assess the solution's effectiveness, collect user feedback, and implement iterative changes. Keep up with the most recent features and upgrades for Tableau.

Theoretical Analysis

Block diagram



Hardware/ Software designing requirements:

Hardware:

A modern multi-core processor for faster data processing, minimum 8GB RAM with Adequate storage space and Internet Connection.

Software:

Tableau Desktop, Compatible OS, Data Sources

Experimental Investigations

While working on the solution in Tableau, several analyses and investigations can be conducted to gain insights from the data.

Data Profiling: This analysis involves exploring the data to understand its structure, quality, and completeness. It includes examining the data types, identifying missing values or outliers, and detecting any data inconsistencies or anomalies.

Using statistical measurements like the mean, median, standard deviation, and quartiles, descriptive analysis aims to summarize and describe the data. To aid in descriptive analysis, Tableau offers a variety of tools and visualizations such histograms, box plots, and summary tables.

Exploratory Data Analysis (EDA): EDA involves investigating the connections, trends, and patterns that exist in the data. Tableau provides interactive visualizations 3such as scatter plots, bar charts, and line charts that let users spot relationships, outliers, and significant discoveries.

Comparative Analysis: Tableau makes it possible to conduct a comparison by allowing users construct side-by-side visualizations or drill-down features. To identify variances, trends, and performance comparisons, this analysis analyses different aspects or categories.

Geographic Analysis: Tableau's mapping capabilities enable it possible to visualize data on maps and conduct geographic analysis. Within the data, users can investigate geographical patterns, regional variations, and geospatial linkages.

Tableau offers capabilities for time-series data analysis and visualization, allowing users to identify trends, seasonality, and patterns throughout time. Trend analysis is supported by trend lines, forecasting models, and time-based computations.

Data segmentation is possible in Tableau based on a variety of dimensions and properties. Data segmentation enables the discovery of unique groups, clientele segments, or patterns within the data, resulting in centered insights and strategies.

Advanced statistical analysis is performed using Tableau's integrated statistical tools and computations. To find patterns and relationships in the data, users can compute correlations, run hypothesis tests, run regression models, and use other statistical methods.

Drill-Down Analysis: Tableau allows users to delve into the data at various granularities. To acquire a better understanding of the data, this study gradually explores more specific data or subcategories within visualizations.

Tableau enables users to track and analyze the behavior of particular groups or cohorts over time, which allows cohort analysis. Customer retention, engagement, and other cohort specific KPIs are better understood thanks to this analysis.

Flowchart

Start

├─ Load Uber dataset into Tableau

│ ├─ Is the dataset available?

│ │ ├─ Yes ——— Proceed

│ │ ├─ No ——— End

│ │

│ ├─ Clean the dataset (if necessary)

│ │ ├─ Are there any missing values?

│ │ │ ├─ Yes ——— Remove or fill missing values

│ │ │ ├─ No ——— Proceed

│ │

│ ├─ Explore the dataset

│ │ ├─ Identify relevant variables for visualization

│ │ ├─ Choose visualization techniques in Tableau

│ │ ├─ Determine the purpose of visualization

│ │ ├─ Create visualizations in Tableau

│ │ ├─ Analyze and interpret the visualizations

│ │ ├─ Are there any insights gained?

│ │ │ ├─ Yes ———— Proceed

│ │ │ ├─ No ———— Adjust visualization techniques

│ │

│ ├─ Refine the visualizations

│ │ ├─ Improve aesthetics and clarity in Tableau

│ │ ├─ Label axes and add titles in Tableau

│ │ ├─ Customize colors and styles in Tableau

│ │ ├─ Enhance readability in Tableau

│ │ ├─ Are the visualizations ready for presentation?

│ │ │ ├─ Yes ———— Proceed

│ │ │ ├─ No ———— Make further refinements in Tableau

│ │

│ ├─ Create a Tableau dashboard

│ │ ├─ Arrange visualizations in a meaningful way

│ │ ├─ Add filters and interactivity to the dashboard

│ │ ├─ Format the dashboard layout in Tableau

│ │ ├─ Review the dashboard

│ │ ├─ Is the dashboard ready for sharing?

│ │ │ ├─ Yes ———— Proceed

│ │ │ ├─ No ———— Make necessary revisions in Tableau

│

├─ Share and present the visualizations

| ├─ Export the visualizations or dashboard from Tableau

| ├─ Choose the appropriate platform for sharing (e.g., email, Tableau Server)

| ├─ Share the visualizations or dashboard with the intended audience

| ├─ Conduct a presentation or provide explanatory notes

| ├─ Gather feedback and address any questions

| ├─ Is the presentation and sharing complete?

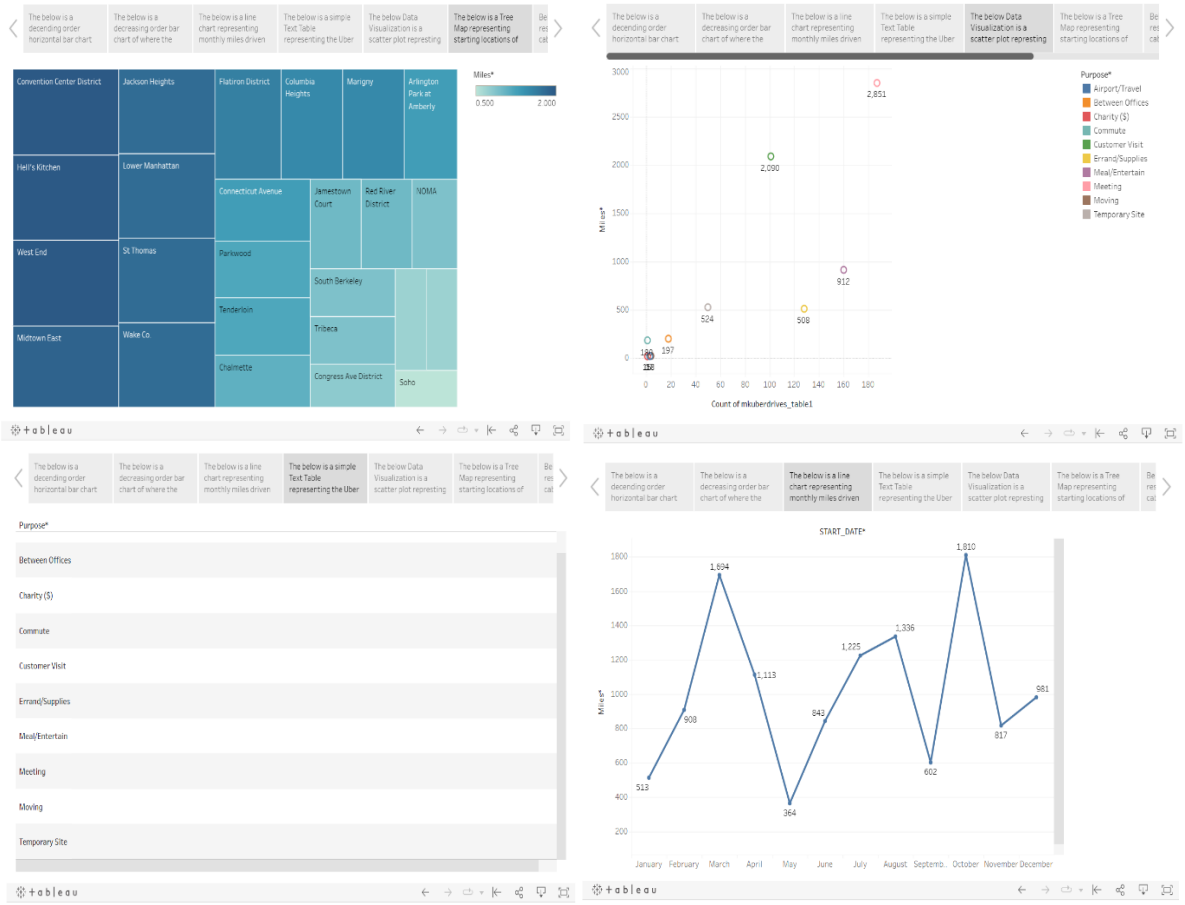
| | ├─ Yes ———— End

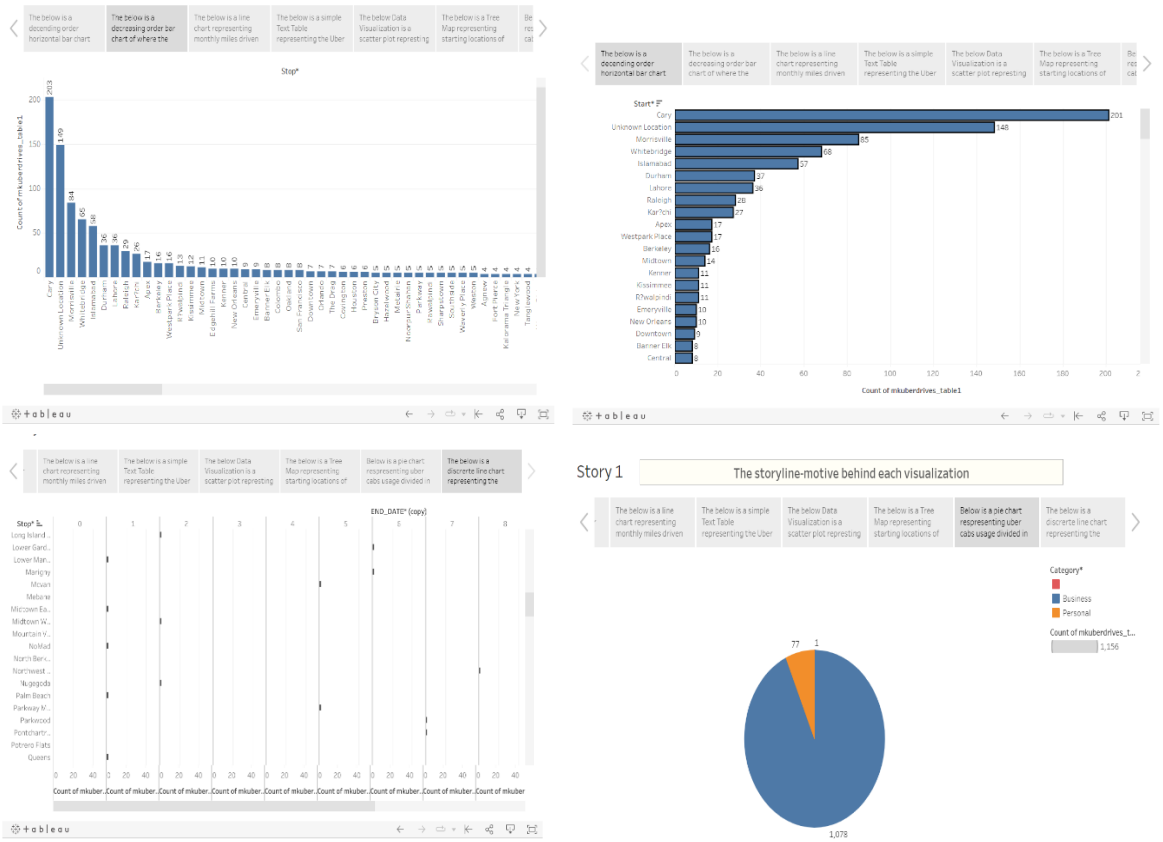
| | ├─ No ———— Make necessary revisions or continue sharing

|

End

Result





Advantages & Disadvantages

Advantages:

- User-Friendly Interface: Tableau offers a straightforward user interface that is accessible to users of all technical backgrounds.
- Data visualization tools are extensive in Tableau, allowing users to create interactive and aesthetically pleasing graphs, maps, charts, and other visual elements. As a result, stakeholders can quickly and effectively derive insights from large, complicated datasets.
- Exploration and Interactivity: Tableau enables users to drill down into specifics, apply filters, interact with visualizations, and examine various angles of the data.
- Tableau provides easy integration with a variety of data sources, including databases, spreadsheets, cloud services, and web-based APIs.
- Collaboration and sharing: Users may work together, publish dashboards to Tableau Server or Tableau Online, and embed them in presentations or web pages, which promotes efficient decision-making and communication.
- Calculations and Advanced Analytics: Tableau has several integrated advanced analytics features. To gain deeper insights, users can blend data, run custom calculations, apply forecasting models, and execute statistical analysis.

Disadvantages:

- Cost: Software licenses for Tableau can be expensive, particularly for enterprise-level setups or when multiple users need access.
- Steep Learning Curve: Tableau has a user-friendly layout, but understanding all of its complex features may take a lot of practice and time.

- Tableau has restrictions when processing very large datasets or intricate data structures. To achieve optimal performance in such circumstances, further data processing or optimization may be needed.
- Limited Data Manipulation Capabilities: Tableau has some fundamental data manipulation tools, but it might not be as capable at transforming and manipulating data as specialized data preparation tools.
- Dependence on Hardware and System Requirements: The hardware and system requirements of the user's machine may have an impact on Tableau's performance.
- Offline Access and Mobility: Tableau is largely a desktop or web-based programme, so accessing and sharing data both require an internet connection.

Applications

The solution used in the Voyage Vista project, which involves utilizing Tableau for Uber expenditure analytics, can be adapted and applied in various other industries and organizations. The underlying principles and methodologies of the solution remain relevant across different domains.

- Transportation and logistics organizations can use the solution to analyze spending patterns, spot cost-cutting options, plan more efficient routes, keep track of fleet costs, and boost overall operational effectiveness.
- Retail and e-commerce: By using the solution, retailers and e-commerce companies can analyze their spending data, monitor sales progress, improve inventory control, spot cost inefficiencies in supply chain processes, and increase profitability.
- Hospitality and tourism: By using the solution, hotels, resorts, and travel agencies can analyze spending data, spot areas of excessive spending, improve cost management, and boost financial performance.
- Production & Manufacturing: Manufacturing companies can use the solution to better allocate resources, track production costs, identify cost drivers, and optimize procurement procedures.
- Financial Services: Banks, insurance firms, and other financial institutions can use the solution to analyze financial data, monitor profitability, track costs, allocate budget funds more effectively, and find cost-cutting options.
- Pharmaceuticals and healthcare: Pharmaceutical firms and healthcare providers can use the solution to track healthcare expenditures, analyze spending data, allocate resources more efficiently, find cost-cutting opportunities, and boost financial performance.
- Energy and utilities: The solution can be used by energy corporations and utilities to analyze spending data, track operational costs, spot areas of cost inefficiency, allocate resources more efficiently, and enhance overall financial management.

Universities, research organizations, and educational institutions can all make use of the solution to analyze spending data, keep track of budgets, keep an eye on spending trends, allocate resources more effectively, and support financial decision-making.

Conclusion

In conclusion, the Voyage Vista project focused on utilizing Tableau for Uber expenditure analytics, aiming to determine areas of excessive spending, cost inefficiencies, and potential cost-saving options. The project involved several analyses and investigations to gain insights into Uber's operations and expenditures.

- Excessive expenditure places Detected: The study identified several places inside Uber's operations where excessive expenditure was taking place. These insights made it easier to identify cost-drivers and areas that needed improvement.
- Uncovered Cost Inefficiencies: By highlighting cost inefficiencies across different business units or locations, the analysis gave researchers a better knowledge of how resources were allocated and used. This information supported educated decision-making and resource optimization.
- Analyzing the spending patterns of Uber's vendors and evaluating their effectiveness was the focus of the project team. They were able to find potential for cost-saving negotiation, consolidation, and alternative vendor options thanks to their analysis.
- Strategic Planning and Precise Financial projections: Using prior spending information, precise financial projections were produced to aid in budgeting and strategic planning processes. This data-driven strategy aided in making wise decisions and enhanced financial administration.
- Monitoring Internal Policies, Budgetary Constraints, and Regulatory Requirements: The study of expenditure data assisted in monitoring Internal Policies, Budgetary Constraints, and Regulatory Requirements. This helped keep financial compliance up to date and reduced potential hazards.

Overall, the Tableau-powered Voyage Vista project was a success in offering illuminating insights into Uber's expenditure measures. Uber was able to pinpoint areas for cost optimization, make intelligent choices, and boost overall financial performance thanks to the research' results and recommendations. The project team successfully converted raw expenditure data into valuable knowledge by utilizing Tableau's data visualization and analytics capabilities, assisting Uber in attaining cost reduction and resource optimization.

Future Scope

Utilize powerful predictive analytics methods to estimate spending patterns, find possible cost-saving opportunities, and foresee future financial trends. To offer more precise and proactive insights, this could entail using time series analysis or machine learning methods.

Real-time Data Integration: Use real-time data integration tools to record and examine newly generated expense data. This would make it possible to make decisions more quickly and quickly spot cost inefficiencies or abnormalities.

Investigate automation tools or scripts to speed up the data cleansing and transformation procedure. This might result in less manual work, greater effectiveness, and consistency in data processing.

Enhanced Data Governance: Create solid data governance procedures that guarantee the security, reliability, and quality of data. In order to guarantee data integrity throughout the analytics process, this entails putting in place data validation rules, access constraints, and data lineage monitoring.

Integration with External Data Sources: By integrating external data sources like market data, industry benchmarks, or macroeconomic indicators, the solution's capabilities can be increased.

Collaboration and Sharing Features: By introducing collaborative workflows, you may improve collaboration and sharing features by enabling various stakeholders to collaborate on data analysis, exchange insights, and participate in decision-making processes.

Mobile-Friendly Dashboards: Create responsive and mobile-friendly dashboards to optimize the solution for mobile devices. Users would be able to access and interact with visualizations on the fly as a result, facilitating real-time decision-making.

Analytics Embedded: Examine the potential for integrating Tableau dashboards and visualizations into other company-wide software or portals. This would increase end-user accessibility and seamlessly incorporate data insights into current workflows.

Appendix

A. Source Code

Flask Code:

```
from flask import Flask , url_for , render_template

app = Flask(__name__)

@app.route("/")
def home():
    return render_template(r"index.html")

if __name__ == "main":
    app.run(debug=False,port=8080)
```

BootStrap Code:

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

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

  <title>Logis Bootstrap Template - Index</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 rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link
href="https://fonts.googleapis.com/css2?family=Open+Sans:ital,wght@0,300;0,400
;0,500;0,600;0,700;1,300;1,400;1,600;1,700&family=Poppins:ital,wght@0,300;0,40
0;0,500;0,600;0,700;1,300;1,400;1,500;1,600;1,700&family=Inter:ital,wght@0,300
;0,400;0,500;0,600;0,700;1,300;1,400;1,500;1,600;1,700&display=swap"
rel="stylesheet">

  <!-- Vendor CSS Files -->
  <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/fontawesome-free/css/all.min.css"
rel="stylesheet">
  <link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
  <link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">
  <link href="assets/vendor/aos/aos.css" rel="stylesheet">

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

  <!-- =======================================================
  * Template Name: Logis
  * Updated: May 30 2023 with Bootstrap v5.3.0
  * Template URL: https://bootstrapmade.com/logis-bootstrap-logistics-website-
template/
  * Author: BootstrapMade.com
  * License: https://bootstrapmade.com/license/
  ======================================================= -->
</head>

<body>

  <!-- ======= Header ======= -->
  <header id="header" class="header d-flex align-items-center fixed-top">
    <div class="container-fluid container-xl d-flex align-items-center
justify-content-between">

      <a href="index.html" class="logo d-flex align-items-center">
```

```
        <!-- Uncomment the line below if you also wish to use an image logo --
>
        <!-- <img src="assets/img/logo.png" alt=""> -->
        <h1>Logis</h1>
      </a>

      <i class="mobile-nav-toggle mobile-nav-show bi bi-list"></i>
      <i class="mobile-nav-toggle mobile-nav-hide d-none bi bi-x"></i>
      <nav id="navbar" class="navbar">
        <ul>
          <li><a href="index.html" class="active">Home</a></li>
          <li><a href="about.html">Dashboard</a></li>
        </ul>
      </nav><!-- .navbar -->

    </div>
  </header>
  <section id="hero" class="hero d-flex align-items-center">
    <div class="container">
      <div class="row gy-4 d-flex justify-content-between">
        <div class="col-lg-6 order-2 order-lg-1 d-flex flex-column justify-
content-center">
          <h2 data-aos="fade-up">Your Lightning Fast Delivery Partner</h2>
          <p data-aos="fade-up" data-aos-delay="100">Facere distinctio
molestiae nisi fugit tenetur repellat non praesentium nesciunt optio quis sit
odio nemo quisquam. eius quos reiciendis eum vel eum voluptatem eum maiores
eaque id optio ullam occaecati odio est possimus vel reprehenderit</p>


          <div class="row gy-4" data-aos="fade-up" data-aos-delay="400">

            <div class="col-lg-3 col-6">
              <div class="stats-item text-center w-100 h-100">
                <span data-purecounter-start="0" data-purecounter-end="232"
data-purecounter-duration="1" class="purecounter"></span>
                <p>Clients</p>
              </div>
            </div><!-- End Stats Item -->

            <div class="col-lg-3 col-6">
              <div class="stats-item text-center w-100 h-100">
                <span data-purecounter-start="0" data-purecounter-end="521"
data-purecounter-duration="1" class="purecounter"></span>
                <p>Projects</p>
              </div>
            </div><!-- End Stats Item -->

            <div class="col-lg-3 col-6">
              <div class="stats-item text-center w-100 h-100">
```

```
              <span data-purecounter-start="0" data-purecounter-end="1453"
data-purecounter-duration="1" class="purecounter"></span>
              <p>Support</p>
            </div>
          </div><!-- End Stats Item -->

          <div class="col-lg-3 col-6">
            <div class="stats-item text-center w-100 h-100">
              <span data-purecounter-start="0" data-purecounter-end="32"
data-purecounter-duration="1" class="purecounter"></span>
              <p>Workers</p>
            </div>
          </div><!-- End Stats Item -->

        </div>
      </div>

      <div class="col-lg-5 order-1 order-lg-2 hero-img" data-aos="zoom-out">
        <img src="assets/img/hero-img.svg" class="img-fluid mb-3 mb-lg-0"
alt="">
      </div>

    </div>
    <h1>Below Are Some Of The DashBoards We Created Using Tablue</h1>
    <a
href="https://public.tableau.com/app/profile/priyansh.agarwal1854/viz/internsh
ipproject_16878048782130/Dashboard1?publish=yes"><h3>Tablue Public Deployment
Link Of DashBoard</h3></a>
    <div class='tableauPlaceholder' id='viz1687808071438' style='position:
relative'><noscript>
      <a href='#'><img alt='Dashboard 1 '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;inter
nshipproject_16878048782130&#47;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='internshipproject_16878048782130&#47;Dashboard1' />
        <param name='tabs' value='no' />
        <param name='toolbar' value='yes' />
        <param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;int
ernshipproject_16878048782130&#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('viz1687808071438');
                  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='1127px';}

                           var scriptElement =
document.createElement('script');
                            scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
                                                vizElement.parentNode.insertBefore
(scriptElement, vizElement);
                                                                    </script>
        <br/><br/><br/><br/>

        <h1>Below Are the Individual Visualisations Created</h1>
        <div>
          <div>
            <div class='tableauPlaceholder' id='viz1687808675529'
style='position: relative'><noscript><a href='#'>
              <img alt='Purpose of various Drives Count '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;inter
nshipproject_texttable&#47;TextTable&#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='internshipproject_texttable&#47;TextTable' />
              <param name='tabs' value='no' /><param name='toolbar'
value='yes' />
              <param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;int
ernshipproject_texttable&#47;TextTable&#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'>
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document.getElementById('viz1687808675529');
                    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';
                                                                vizElem
ent.parentNode.insertBefore(scriptElement, vizElement);

    </script>
        </div>
        <br/><br/><br/><br/>
        <div>
          <div class='tableauPlaceholder' id='viz1687808910609'
style='position: relative'>
            <noscript><a href='#'>
              <img alt='Highest to lowest Start Location of Various Trips '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;inter
nshipproject_horizontalbarchart&#47;Horizontalbarchart&#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='internshipproject_horizontalbarchart&#47;Horizontalbarchart' />
              <param name='tabs' value='no' />
              <param name='toolbar' value='yes' />
              <param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;int
ernshipproject_horizontalbarchart&#47;Horizontalbarchart&#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('viz1687808910609');
                           var vizElement =
divElement.getElementsByTagName('object')[0];
                                    vizElement.style.width='100%';vizElement.s
tyle.height=(divElement.offsetWidth*0.75)+'px';
                                                        var scriptElement =
document.createElement('script');
                                                           scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
                                                                          v
izElement.parentNode.insertBefore(scriptElement, vizElement);

        </script>
          </div>
          <br/><br/><br/><br/>
          <div>
            <div class='tableauPlaceholder' id='viz1687809005929'
style='position: relative'>
              <noscript><a href='#'><img alt='Start Locations of Drives under
2 miles '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;inter
nshipproject_treemap&#47;TreeMap&#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='internshipproject_treemap&#47;TreeMap' />
                <param name='tabs' value='no' />
                <param name='toolbar' value='yes' />
                <param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;int
ernshipproject_treemap&#47;TreeMap&#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('viz1687809005929');
                           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.p
arentNode.insertBefore(scriptElement, vizElement);
                                                                             <
/script>
          </div>

          <br/><br/><br/><br/>
          <div>
            <div class='tableauPlaceholder' id='viz1687809113841'
style='position: relative'><noscript><a href='#'>
              <img alt='Monthly Analysis of  Total Distances '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;inter
nshipproject_linechart&#47;LINECHART&#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='internshipproject_linechart&#47;LINECHART' />
               <param name='tabs' value='no' />
               <param name='toolbar' value='yes' />
               <param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;int
ernshipproject_linechart&#47;LINECHART&#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('viz1687809113841');
                                          var vizElement =
divElement.getElementsByTagName('object')[0];
                                                    vizElement.style.width='
100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';
                                                                var
scriptElement = document.createElement('script');
                                                                    scri
ptElement.src = 'https://public.tableau.com/javascripts/api/viz_v1.js';

            vizElement.parentNode.insertBefore(scriptElement, vizElement);

                              </script>
          </div>

          <br/><br/><br/><br/>
          <div>
            <div class='tableauPlaceholder' id='viz1687809186058'
style='position: relative'>
              <noscript><a href='#'>
                <img alt='Categorical Analysis of Drives '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;inter
nshipproject_piechart&#47;PieChart&#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='internshipproject_piechart&#47;PieChart' />
               <param name='tabs' value='no' />
               <param name='toolbar' value='yes' />
               <param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;int
ernshipproject_piechart&#47;PieChart&#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' />
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               <param name='language' value='en-US' />
               <param name='filter' value='publish=yes' />
              </object></div>
                        <script type='text/javascript'>
                           var divElement =
document.getElementById('viz1687809186058');
                                    var vizElement =
divElement.getElementsByTagName('object')[0];
```

```
                                                    vizElement.style.wi
dth='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>
          <br/><br/><br/><br/>
          <div>
            <div class='tableauPlaceholder' id='viz1687809298772'
style='position: relative'>
            <noscript><a href='#'>
              <img alt='Miles to Count Ratio of Various Purpose of Drives '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;inter
nshipproject_scatterplot&#47;Scatterplot&#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='internshipproject_scatterplot&#47;Scatterplot' />
              <param name='tabs' value='no' />
              <param name='toolbar' value='yes' />
              <param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;int
ernshipproject_scatterplot&#47;Scatterplot&#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('viz1687809298772');
                          var vizElement =
divElement.getElementsByTagName('object')[0];
```

```
                vizElement.style.width='100%';vizElement.style.height=(divElem
ent.offsetWidth*0.75)+'px';
                                var scriptElement =
document.createElement('script');
                                  scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
                                                    vizElement.parentNode.ins
ertBefore(scriptElement, vizElement);
                                                                        </script>
          </div>

          <br/><br/><br/><br/>

          <div>
            <div class='tableauPlaceholder' id='viz1687809396224'
style='position: relative'><noscript><a href='#'><img alt='Decreasing Order of
End Locations of Drives '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;inter
nshipproject_barchart&#47;BarChart&#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' />
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              <param name='site_root' value='' />
              <param name='name'
value='internshipproject_barchart&#47;BarChart' />
              <param name='tabs' value='no' />
              <param name='toolbar' value='yes' />
              <param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;int
ernshipproject_barchart&#47;BarChart&#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('viz1687809396224');
                           var vizElement =
divElement.getElementsByTagName('object')[0];
                                vizElement.style.width='100%';vizElement.sty
le.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(sc
riptElement, vizElement);               </script>
          </div>

          <br/><br/><br/><br/>

          <div>
            <div class='tableauPlaceholder' id='viz1687809500884'
style='position: relative'>
              <noscript><a href='#'>
                <img alt='Hourly Analysis of End Time of Various Trips '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;inter
nshipproject_discretelinechart&#47;DiscrerteLineChart&#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='internshipproject_discretelinechart&#47;DiscrerteLineChart' />
                <param name='tabs' value='no' /><param name='toolbar'
value='yes' /><param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;int
ernshipproject_discretelinechart&#47;DiscrerteLineChart&#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('viz1687809500884');
                                    var vizElement =
divElement.getElementsByTagName('object')[0];
                                        vizElement.style.width='100%';vi
zElement.style.height=(divElement.offsetWidth*0.75)+'px';
                                            var scriptElement =
document.createElement('script');
                                             scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
                                                                vizElement.pa
rentNode.insertBefore(scriptElement, vizElement);
```

```
                                                                                </sc
ript>
          </div>

          <br/><br/><br/><br/>

          <div>
                      <br/><br/><br/><br/>
                      <div class='tableauPlaceholder' id='viz1687812264438'
style='position: relative'><noscript><a href='#'>
                        <img alt='Story 1 '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;inter
nshipproject_story&#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='internshipproject_story&#47;Story1' />
                       <param name='tabs' value='no' /><param
name='toolbar' value='yes' /><param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;in&#47;int
ernshipproject_story&#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'>
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document.getElementById('viz1687812264438');
                                                  var vizElement =
divElement.getElementsByTagName('object')[0];
                                                                    vizElement.st
yle.width='1016px';vizElement.style.height='691px';

     var scriptElement = document.createElement('script');

                      scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';

                                          vizElement.parentNode.insertBefore(sc
riptElement, vizElement);
```

```
                                                    </script>
          </div>









        </div>


        <br/><br/>
    </div>
  </section><!-- End Hero Section -->




  <!-- Vendor JS Files -->
  <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
  <script src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
  <script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
  <script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
  <script src="assets/vendor/aos/aos.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>
```