file:///C:/Users/Ammu/Downloads/Brainstrome%20map..pdf

Quickly output ideas and patterns into a structured diagram. Our mind map brainstorming template will help you create new connections with your team.

Key rules of brainstorming
To run a smooth and productive session

Stay on topic   Encourage wild ideas

Defer judgment   Listen to others

Go for volume   Be visual

How might we [insert problem statement here]?

file:///C:/Users/Ammu/Downloads/Empathy%20map..pdf

What have we heard them say?
What can we imagine them saying?

What are their wants, needs, hopes, and dreams?
What other thoughts might influence their behavior?

Persona's name
Short summary of the persona

Does
What behavior have we observed?
What can we imagine them doing?

Feels
What are their fears, frustrations, and anxieties?
What other feelings might influence their behavior?

Estimation of Business Expenses

Project Based Experiential Learning

Estimation of Business Expenses

1. INGRODUCTION:

A business estimation project, often referred to as a financial or budgeting project, is a crucial aspect of strategic planning and decision-making for businesses. It involves the process of forecasting, estimating, and projecting various financial and operational aspects of a business over a specified period, typically a fiscal year or several years. The primary goal of a business estimation project is to provide a roadmap for the company's financial activities and to assist in making informed decisions. Here's an introduction to the key elements of a business estimation project:

1.1 Project Overview:

A Project Overview for a Business Estimation Project provides a concise summary of the project's key aspects and objectives. It serves as an introductory section to give stakeholders a clear understanding of what the project entails. Here's a breakdown of the elements typically included in a Project Overview for a Business Estimation Project:

1. Project Title: Begin with a clear and descriptive title that reflects the nature of the project, such as "Annual Financial Estimation and Budgeting Project."

2. Project Objective: Clearly state the primary goal of the project. In the context of a business estimation project, the objective may be to forecast and estimate the financial and operational performance of the company for a specified period.

1.2 Purpose:

The purpose of estimating a business project, often referred to as business project estimation or financial project estimation, is to provide a systematic and well-informed assessment of various aspects of a project or initiative within a business context. Estimating a business project is a critical step in strategic planning, financial management, and decision-making. The primary purposes of estimating a business project include:

Financial Planning: Business project estimation helps in developing financial plans and budgets. It provides insights into the financial resources required for the project, including capital expenditures, operating expenses, and revenue projections.

Resource Allocation: Accurate estimation aids in allocating resources such as funding, manpower, equipment, and materials effectively. It ensures that the necessary resources are available and properly utilized throughout the project's life cycle.

2. <u>LITERATURE SURVEY:</u>

2.1. <u>Existing problem:</u>

Estimating business projects can be a complex and challenging task, and several common problems and issues can arise during the estimation process. These problems can lead to inaccurate projections, cost overruns, project delays, and potential financial and operational risks. Some of the existing problems associated with the estimation of business projects include:

Uncertainty: Estimation often involves predicting future outcomes, and there is inherent uncertainty in such forecasts. External factors, market conditions, and unforeseen events can significantly impact project estimates.

Data Quality: Insufficient or poor-quality data can lead to inaccurate estimates. Reliable historical data is essential for making informed projections, and a lack of such data can be a significant problem.

Scope Creep: Failure to clearly define and manage the project's scope can result in scope creep, where the project expands beyond its original boundaries. This can lead to increased costs and timelines.

2.2. <u>References:</u>

When it comes to references and sources for estimating a business project, you can find a wealth of information in various books, articles,

and online resources. Here are some notable references and sources that can help you gain a better understanding of business project estimation:

Books:

"Project Management: A Systems Approach to Planning, Scheduling, and Controlling" by Harold Kerzner - This comprehensive book covers various aspects of project management, including estimation and financial planning.

"Estimating in Building Construction" by Frank R. Dagostino and Steven J. Peterson - While focused on construction, this book offers valuable insights into estimation techniques that are applicable to various business projects.

2.3 Problem statement Definition:

"A problem statement for the estimation of a business project is a formal statement that articulates the difficulties, uncertainties, or shortcomings in accurately forecasting and planning for the financial, resource, and time requirements of a specific business project. It serves to highlight the following key elements:

The Problem Description: It clearly describes the nature of the problem or challenge in project estimation. This may include issues related to cost overruns, inaccurate resource allocation, scope creep, or a lack of historical data, among others.

The Project Context: It provides context by specifying the particular business project in question. This includes the project's objectives, scope, and its importance within the organization.

3. IDEATION & PROPOSED SOLUTION:

3.1 Empathy Map Cnavas:

Creating an Empathy Map Canvas for the estimation of a business project can help you gain a better understanding of the perspectives and emotions of key stakeholders involved in the estimation process. Here's a structured Empathy Map Canvas for business project estimation:

Business Project Estimation Empathy Map Canvas:

Says: What are the key stakeholders saying about project estimation?

Project Managers: "We need accurate and realistic estimates to plan and execute the project effectively."
Financial Analysts: "Accurate financial projections are essential for budgeting and financial control."
Senior Management: "We rely on reliable estimates to make strategic decisions and allocate resources."
Thinks: What might be going on in the minds of these stakeholders?

Project Managers: Concerned about balancing project scope, resources, and timelines.
Financial Analysts: Thinking about methods to minimize budget overruns and financial risks.
Senior Management: Focused on the project's alignment with strategic goals and financial stability.

3.2 Ideation & Brainstorming:

Idea generation and brainstorming are essential steps in improving the estimation of a business project. Engaging in these processes can help you come up with creative solutions to estimation challenges and identify opportunities for more accurate forecasting. Here's a structured approach for ideation and brainstorming in the context of business project estimation:

1. Identify the Problem:

Before you can start ideating and brainstorming, it's crucial to clearly define the problem or challenge related to project estimation. Ensure that all participants have a shared understanding of the issue.

2. Assemble a Diverse Team:

Gather a cross-functional team that includes individuals with different expertise and perspectives. This diversity can lead to more creative and comprehensive solutions.

4. REQUIREMENT ANALYSIS:

4.1 FUNCTIONNAL REQUIREMENT:

Data Collection and Integration:

The system should be able to collect and integrate relevant data sources, including historical project data, financial records, market data, and other sources.
Estimation Methodologies:

The system should support various estimation methodologies, such as parametric modeling, analogous estimation, expert judgment, and data-driven techniques.
Scenario Analysis:

It should allow for scenario analysis, enabling users to model different project scenarios and assess their impact on estimates.

4.2 **Non-Functional requirements**

Non-functional requirements in the context of business project estimation refer to the qualities and attributes that the estimation process and related systems should possess to meet the organization's expectations regarding performance, reliability, and usability. Non-functional requirements address aspects beyond the specific functionality and features. Here are some common non-functional requirements for the estimation of a business project:

Performance:

Response Time: The estimation process and tools should respond quickly to user inputs and calculations, ensuring efficient performance.

Scalability: The system should be able to handle an increasing number of users and data as the organization's needs grow.

Reliability:

Accuracy: The estimation process should consistently provide accurate estimates, reducing errors and discrepancies.

Availability: The estimation tools should be available and accessible when needed, with minimal downtime.

Data Integrity: The system should ensure the integrity of data, preventing data corruption or loss.

5. PROJECT DESIGN
5.1 Data flow Diagram & User Stories:
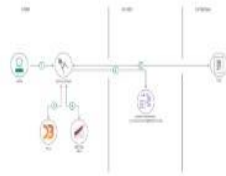
Project Design Phase-II
Data Flow Diagram & User Stories

Date	18 October 2023
Team ID	NM2023TMID03193
Project Name	Estimation of Business
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: (Simplified)

Flow

1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

Example: DFD Level 0 (Industry Standard)
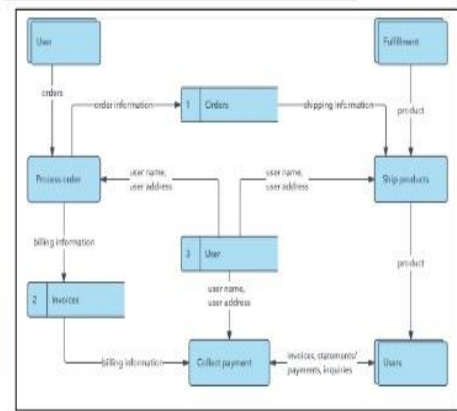
5.2 Solution Architecture:
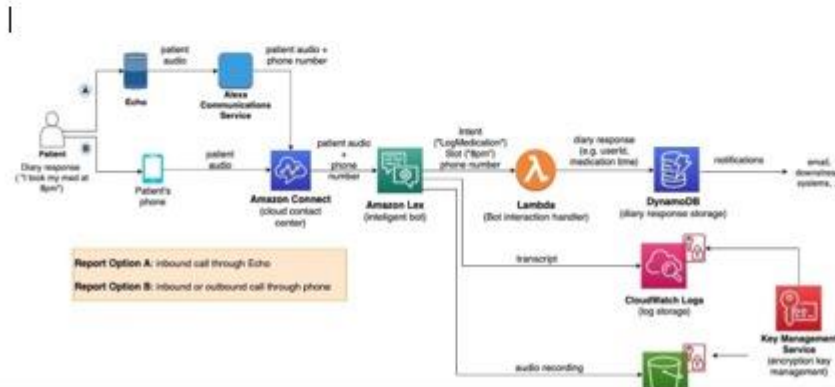
Project Design Phase-I
Solution Architecture

Date	18 October 2023
Team ID	NM2023TMID03193
Project Name	Estimation of Business
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed, and delivered.

Example - Solution Architecture Diagram:

# 6 .PROJECT PLANNING & SCHEDULING:

6.1 Technical Architecture:

Date	18 October 2023
Team ID	NM2023TMID03193
Project Name	Estimation Of Business
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

Example: Order processing during pandemics for offline mode
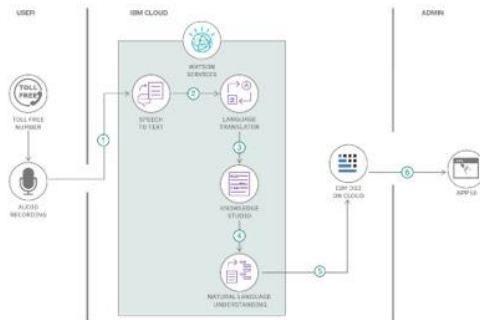
Guidelines:

1. Include all the processes (As an application logic / Technology Block)
2. Provide infrastructural demarcation (Local / Cloud)
3. Indicate external interfaces (third party API's etc.)
4. Indicate Data Storage components / services
5. Indicate interface to machine learning models (if applicable)

6.2 Sprint Planning & Estimation and 6.3 'Sprint Delivery Schedule':

Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	18 October 2023
Team ID	NM2023TMID03193
Project Name	Estimation of Business
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	
	Dashboard					

7.CODIN & SOLUTIONING (Explain the features and the projects along with Code):

7.1 Feature 1:

Creating a software solution for the estimation of a business project is a complex task that requires careful planning, coding, and design. The following is a simplified example of a Python-based command-line application that demonstrates key features for estimating a business project. Keep in mind that a real-world application would require more extensive development, a user-friendly interface, and integration with various data sources and systems. Here's a basic structure to get you started:

Code:
```
import datetime

class ProjectEstimation:
```

```python
    def __init__(self, project_name, project_scope):
        self.project_name = project_name
        self.project_scope = project_scope
        self.start_date = None
        self.end_date = None
        self.budget = 0.0
        self.resource_allocation = {}
        self.risks = []
        self.assumptions = []

    def set_project_dates(self, start_date, end_date):
        self.start_date = start_date
        self.end_date = end_date

    def set_budget(self, budget):
        self.budget = budget

    def allocate_resources(self, resource_name, quantity):
        self.resource_allocation[resource_name] = quantity

    def add_risk(self, risk_description):
        self.risks.append(risk_description)

    def add_assumption(self, assumption_description):
        self.assumptions.append(assumption_description)

    def estimate_project(self):
        # Implement your estimation logic here
        # This could involve financial calculations, resource allocation, and
risk assessment.
        # For simplicity, we'll just print the project details.
        print("\nProject Estimation Report:")
        print(f"Project Name: {self.project_name}")
        print(f"Project Scope: {self.project_scope}")
        print(f"Start Date: {self.start_date}")
```

```python
        print(f"End Date: {self.end_date}")
        print(f"Budget: ${self.budget}")
        print("Resource Allocation:")
        for resource, quantity in self.resource_allocation.items():
            print(f"- {resource}: {quantity}")
        print("Risks:")
        for risk in self.risks:
            print(f"- {risk}")
        print("Assumptions:")
        for assumption in self.assumptions:
            print(f"- {assumption}")

if __name__ == "__main__":
    project_name = input("Enter Project Name: ")
    project_scope = input("Enter Project Scope: ")
    start_date = input("Enter Project Start Date (YYYY-MM-DD): ")
    end_date = input("Enter Project End Date (YYYY-MM-DD): ")
    budget = float(input("Enter Project Budget: $")

    estimation = ProjectEstimation(project_name, project_scope)
    estimation.set_project_dates(datetime.datetime.strptime(start_date,
"%Y-%m-%d"), datetime.datetime.strptime(end_date, "%Y-%m-%d"))
    estimation.set_budget(budget)

    while True:
        resource_name = input("Enter Resource Name (or 'exit' to finish):
")
        if resource_name == 'exit':
            break
        quantity = int(input("Enter Resource Quantity: "))
        estimation.allocate_resources(resource_name, quantity)

    while True:
        risk_description = input("Enter Project Risk Description (or 'exit' to
finish): ")
```

```python
        if risk_description == 'exit':
            break
        estimation.add_risk(risk_description)

    while True:
        assumption_description = input("Enter Assumption Description (or
'exit' to finish): ")
        if assumption_description == 'exit':
            break
        estimation.add_assumption(assumption_description)

    estimation.estimate_project()
```

7.2 Features 2:
```python
import datetime

class ProjectEstimation:
    def __init__(self, project_name, project_scope):
        self.project_name = project_name
        self.project_scope = project_scope
        self.start_date = None
        self.end_date = None
        self.budget = 0.0
        self.resource_allocation = {}
        self.risks = []
        self.assumptions = []

    def set_project_dates(self, start_date, end_date):
        self.start_date = start_date
        self.end_date = end_date

    def set_budget(self, budget):
        self.budget = budget
```

```python
    def allocate_resources(self, resource_name, quantity):
        self.resource_allocation[resource_name] = quantity

    def add_risk(self, risk_description):
        self.risks.append(risk_description)

    def add_assumption(self, assumption_description):
        self.assumptions.append(assumption_description)

    def estimate_project(self):
        # Implement your estimation logic here
        # For simplicity, we'll just print the project details.
        print("\nProject Estimation Report:")
        print(f"Project Name: {self.project_name}")
        print(f"Project Scope: {self.project_scope}")
        print(f"Start Date: {self.start_date}")
        print(f"End Date: {self.end_date}")
        print(f"Budget: ${self.budget}")
        print("Resource Allocation:")
        for resource, quantity in self.resource_allocation.items():
            print(f"- {resource}: {quantity}")
        print("Risks:")
        for risk in self.risks:
            print(f"- {risk}")
        print("Assumptions:")
        for assumption in self.assumptions:
            print(f"- {assumption}")

def main():
    print("Welcome to the Project Estimation Tool")
    project_name = input("Enter Project Name: ")
    project_scope = input("Enter Project Scope: ")
    start_date = input("Enter Project Start Date (YYYY-MM-DD): ")
    end_date = input("Enter Project End Date (YYYY-MM-DD): ")
    budget = float(input("Enter Project Budget: $"))
```

```python
    estimation = ProjectEstimation(project_name, project_scope)
    estimation.set_project_dates(datetime.datetime.strptime(start_date,
"%Y-%m-%d"), datetime.datetime.strptime(end_date, "%Y-%m-%d"))
    estimation.set_budget(budget)

    while True:
        resource_name = input("Enter Resource Name (or 'exit' to finish):
")
        if resource_name.lower() == 'exit':
            break
        quantity = int(input("Enter Resource Quantity: "))
        estimation.allocate_resources(resource_name, quantity)

    while True:
        risk_description = input("Enter Project Risk Description (or 'exit' to
finish): ")
        if risk_description.lower() == 'exit':
            break
        estimation.add_risk(risk_description)

    while True:
        assumption_description = input("Enter Assumption Description (or
'exit' to finish): ")
        if assumption_description.lower() == 'exit':
            break
        estimation.add_assumption(assumption_description)

    estimation.estimate_project()

if __name__ == "__main__":
    main()
```
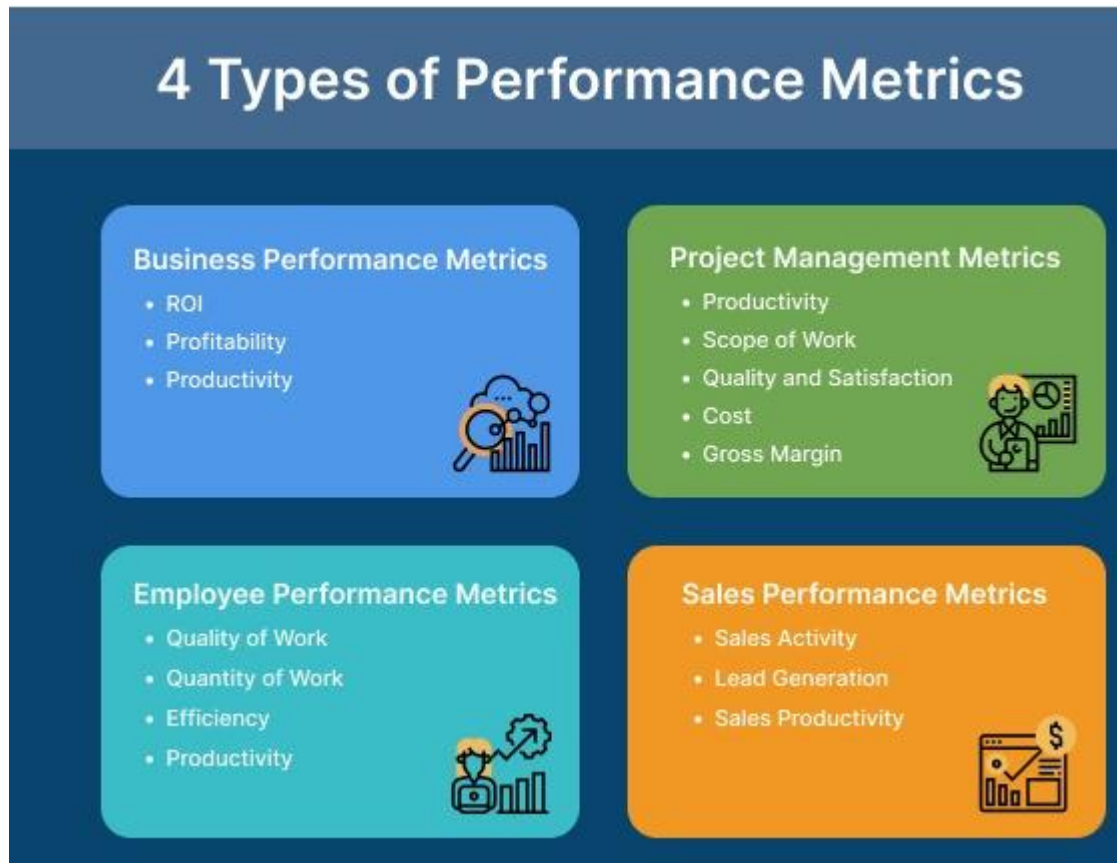
8.PERFORMANCE TESTIN:

8.1 Performance Metrics:

Performance metrics are used to measure the behavior, activities, and performance of a business. This should be in the form of data that measures required data within a range, allowing a basis to be formed supporting the achievement of overall business goals.

9 RESULTS:

9.1 Output Screenshots:
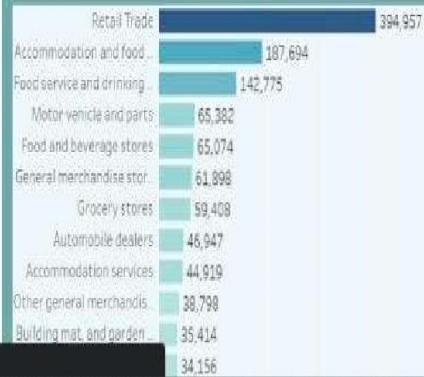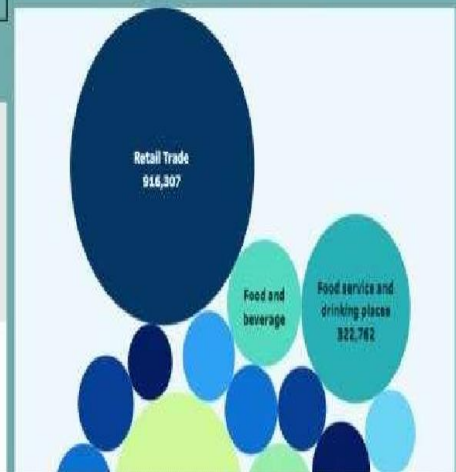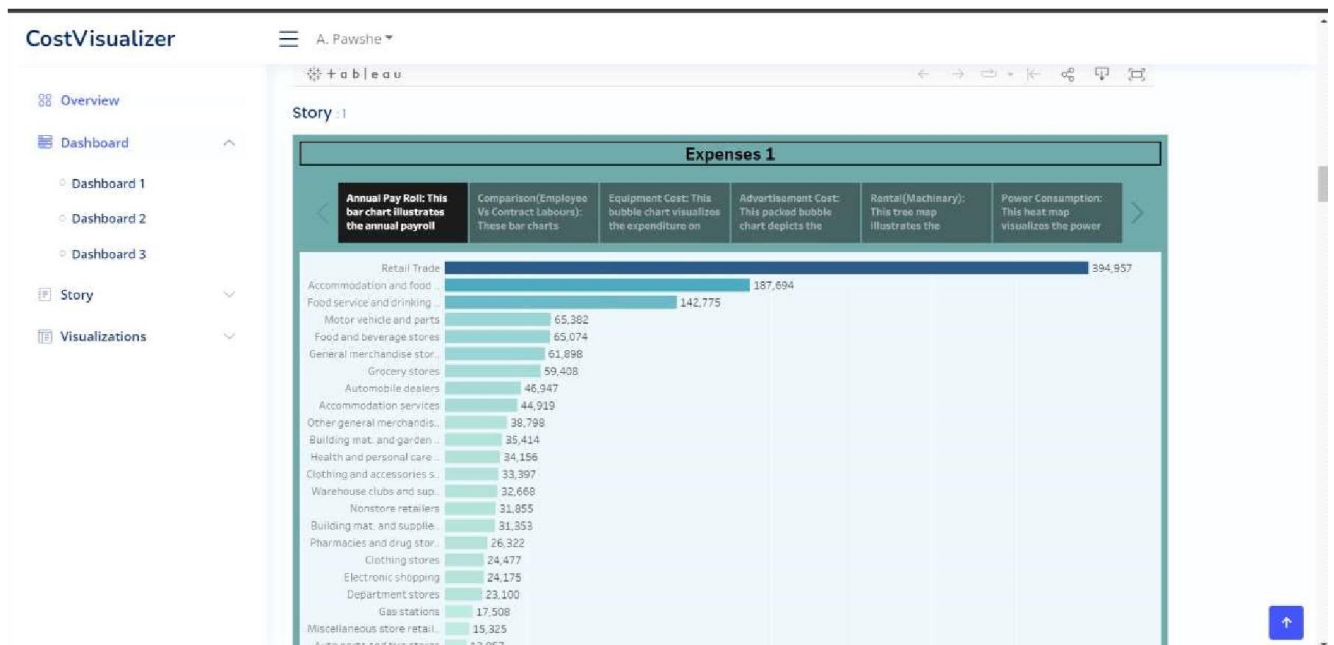
10 . ADVANTAGES & DISADVANTAGES:

Estimating a business project's costs, timelines, and resource requirements is a critical aspect of project management. However, like any process, business project estimation has its advantages and disadvantages.

Advantages of Business Estimation Projects:

1.Informed Decision-Making: Accurate project estimation provides valuable information for making informed decisions about project feasibility, resource allocation, and risk management.

2.Budget Control: Effective estimation helps in creating and managing budgets, reducing the likelihood of overspending and financial surprises.

3.Resource Optimization: Estimation aids in optimizing resource allocation, ensuring that the right resources are available when needed.

4.Risk Identification: The process allows for the identification and assessment of potential risks and uncertainties, enabling proactive risk management.

5.Improved Planning: Estimation is crucial for planning project activities and timelines,

Disadvantages of Business Estimation Projects:

1.Uncertainty: Estimation inherently involves uncertainty, and unexpected factors can impact project outcomes.

2.Complexity: Estimation can be a complex process, especially for large and multifaceted projects.

3.Time-Consuming: It can be time-consuming, requiring data collection, analysis, and collaboration among multiple teams.

11.CONCLUTION:

In conclusion, business estimation projects play a pivotal role in the success of any enterprise by providing a structured approach to forecasting project costs, timelines, and resource requirements. These projects are essential for informed decision-making, resource optimization, and risk management. However, they are not without their complexities and challenges. Here are some key points to consider:

1. Importance of Accuracy: Accurate estimation is critical for successful project planning, execution, and control. It empowers organizations to make informed decisions, allocate resources effectively, and manage risks proactively.

2. Collaboration and Communication: Business estimation projects require collaboration and effective communication among project stakeholders. Transparency and clarity in conveying assumptions and limitations are essential for aligning expectations.

12. FUTURE SCOPE :

The future of business project estimation holds great potential for advancements and improvements. As technology and business practices evolve, there are several key areas where we can expect to see future developments and innovations in the field of project estimation:

Advanced Data Analytics:

Increasing use of data analytics and machine learning algorithms to improve estimation accuracy. Predictive analytics can help in forecasting project outcomes more precisely based on historical data and real-time information.

Artificial Intelligence (AI):

AI-driven estimation tools that can analyze and process large volumes of data, consider multiple variables, and generate more sophisticated estimates. AI can also help in identifying patterns, trends, and risks.

Technical Architecture:
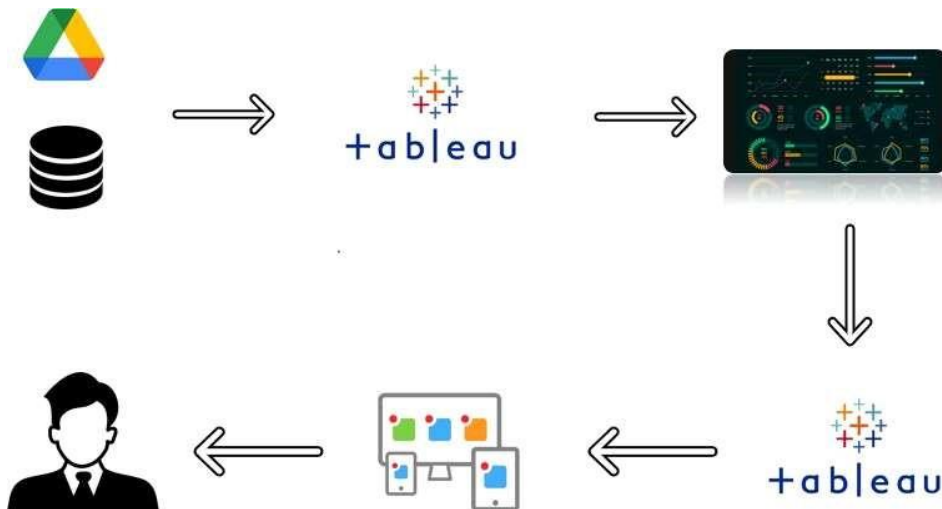
Project Flow

To accomplish this, we have to complete all the activities listed below,

- Define Problem / Problem Understanding
    - Specify the business problem
    - Business requirements ☐ Literature Survey ☐ Social or Business Impact.
- Data Collection & Extraction
    - Collect the dataset
    - Connect Dataset with Tableau
- Data Preparation
    - Prepare the Data for Visualization
- Data Visualizations
    - No of Unique Visualizations
- Dashboard
    - Responsive and Design of Dashboard
- Story
    - No of Scenes of Story
- Performance Testing

- Amount of Data Rendered to DB
- No of Calculation Fields
- No of Visualizations/ Graphs
- Web Integration
  - Dashboard and Story embed with UI With Flask
- Project Demonstration & Documentation
  - Record explanation Video for project end to end solution

  - Project Documentation-Step by step project

13. APPENDIX:

Source Code:

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

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

  <title>Estimation of bussiness</title>
  <meta content="" name="description">
  <meta content="" name="keywords">

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

  <!-- Google Fonts -->
  <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,60
0,600i,700,700i|Jost:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,
300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

  <!-- Vendor CSS Files -->
```

```html
<link href="static/vendor/aos/aos.css" rel="stylesheet">
<link href="static/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link href="static/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">
<link href="static/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
<link href="static/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
<link href="static/vendor/remixicon/remixicon.css" rel="stylesheet">
<link href="static/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

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

<!--
========================================================
 * Template Name: Indian Food Eda
 * Updated: Jul 05 2023 with Bootstrap v5.3.0
 * Template URL: https://bootstrapmade.com/Indian Food Eda-free-bootstrap-html-template-corporate/
 * Author: BootstrapMade.com
 * License: https://bootstrapmade.com/license/
 ======================================================== -
->

</head>

<body background="C:\Users\deebi\Desktop\Beige-Plain-Light-Background-.jpg">

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

     <h1 class="logo me-auto"><a href="index.html">Estimation of business</a></h1>
     <!-- Uncomment below if you prefer to use an image logo -->
     <!-- <a href="index.html" class="logo me-auto"><img src="static/img/logo.png" alt="" class="img-fluid"></a>-->

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

```html
<li><a class="nav-link scrollto" href="#DashBoard">DashBoard</a></li>
<li><a class="nav-link   scrollto" href="#Story">Story</a></li>
<li><a class="nav-link scrollto" href="#Report">Report</a></li>

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

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


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

<div class="container">
<div class="row">
<div class="col-lg-6 d-flex flex-column justify-content-center pt-4 pt-lg-0
order-2 order-lg-1" data-aos="fade-up" data-aos-delay="200">
<h1>Estimation Of Business Project</h1>
<h2>In presenting a data analytic report focusing on the columns and
subcolumns related to operating expenses in the education sector, the objective is
to unveil intricate insights into the financial dynamics of educational institutions.
The dataset encapsulates a diverse array of expenditure categories, ranging from
'Annual Payroll' to 'Purchased Professional and Technical Services.' This
thorough examination encompasses not only the total expenses but also their
percentage distribution, providing a nuanced understanding of resource
allocation. The breakdown of 'Detailed Employer Costs for Fringe Benefits'
delves into critical components like health insurance and pension plans, shedding
light on the broader scope of employee benefits. Moreover, the analysis explores
costs related to 'Purchased Communication Services,' 'Depreciation and
Amortization Charges,' and 'Other Operating Expenses.' This comprehensive
approach not only dissects the financial fabric of education but also aims to
discern patterns and trends within each expense category. The data analytics
report endeavors to present actionable insights, guiding stakeholders in
optimizing resource utilization and fostering financial sustainability within the
education sector.

Technical Architecture:</h2>
```

```html
      <div class="d-flex justify-content-center justify-content-lg-start">
        <a href="#about" class="btn-get-started scrollto">Get Started</a>
        <a href="#VIDEO ADD KRNA HAI" class="glightbox btn-watch-
video">
          <i class="bi bi-play-circle"></i><span>Watch Video</span></a>
      </div>
    </div>
    <div class="col-lg-6 order-1 order-lg-2 hero-img" data-aos="zoom-in" data-
aos-delay="200">
      <img src="static/img/hero-img.png" class="img-fluid animated" alt="">
    </div>
  </div>
  </div>

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

<main id="main">

  <!-- ======= Clients Section ======= -->
  <section id="clients" class="clients section-bg">
    <div class="container">

      <div class="row" data-aos="zoom-in">

        <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-
content-center">
          <img src="static/img/clients/client-1.png" class="img-fluid" alt="">
        </div>

        <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-
content-center">
          <img src="static/img/clients/client-2.png" class="img-fluid" alt="">
        </div>

        <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-
content-center">
          <img src="static/img/clients/client-3.png" class="img-fluid" alt="">
        </div>

        <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-
content-center">
```

```html
        <img src="static/img/clients/client-4.png" class="img-fluid" alt="">
      </div>

      <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-content-center">
        <img src="static/img/clients/client-5.png" class="img-fluid" alt="">
      </div>

      <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-content-center">
        <img src="static/img/clients/client-6.png" class="img-fluid" alt="">
      </div>

    </div>

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

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

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

    <div class="row content">
      <div class="col-lg-6">
        <p>
    Creating a concise and effective business description is crucial for
conveying your company's core aspects to potential stakeholders, investors, and
customers. Bullet points can help you present this information clearly and
efficiently. Here's an example of how to structure an estimation of a business
description using bullet points:
        </p>
        <ul>
        <li><i class="ri-check-double-line"></i> Visualization plays a crucial
role in EDA, enabling us to uncover patterns, trends, and regional variations.</li>
          <li><i class="ri-check-double-line"></i> By creating charts, graphs, and
heatmaps, we visually represent the data. </li>
```

```
        <li><i class="ri-check-double-line"></i> We analyze the distribution of
recipes across different regions, highlighting the culinary specialties of each
area</li>
        </ul>
      </div>
      <div class="col-lg-6 pt-4 pt-lg-0">
       <p>
          India is a land of diverse culinary traditions, each region contributing its
unique touch to the nation's food culture. By examining the dataset, we unravel
the regional variations in Indian cuisine. We explore the prevalence of specific
dishes, spices, and cooking styles, understanding how geography, climate, and
cultural influences shape the flavors of each region. This analysis provides a
comprehensive picture of the culinary diversity within India.
        </p>
        <a href="#" class="btn-learn-more">Learn More</a>
      </div>
    </div>

  </div>
  </section><!-- End About Us Section -->

  <!-- ======= Why Us Section ======= -->
  <section id="why-us" class="why-us section-bg">
   <div class="container-fluid" data-aos="fade-up">

    <div class="row">

     <div class="col-lg-7 d-flex flex-column justify-content-center align-items-
stretch  order-2 order-lg-1">

      <div class="content">
       <h3>Indian food enjoys worldwide popularity, and we aim to quantify
and understand this phenomenon <strong>While Indian food is celebrated for its
flavors, it is also essential to explore its nutritional aspects.</strong></h3>
        <p>
          We conduct a thorough analysis of the dataset to understand the caloric
content, macronutrients, and common ingredients contributing to specific
nutritional values. This examination allows us to highlight the balance and
diversity of Indian cuisine, enabling health-conscious individuals to make
informed choices.
        </p>
```

```
</div>

<div class="accordion-list">
 <ul>
  <li>
    <a data-bs-toggle="collapse" class="collapse" data-bs-
target="#accordion-list-1"><span>01</span>hrough our EDA on Indian food, we
have embarked on a fascinating exploration of the flavors, regional delights, and
nutritional aspects of this culinary marvel? <i class="bx bx-chevron-down icon-
show"></i><i class="bx bx-chevron-up icon-close"></i></a>
    <div id="accordion-list-1" class="collapse show" data-bs-
parent=".accordion-list">
      <p>
        Creating thorough documentation for your Data Analytics project,
named "Estimation Of Business Project," is essential for effectively
communicating your work and making it accessible to stakeholders. Here's a
document description to guide you in creating comprehensive project
documentation:
      </p>
    </div>
  </li>

  <li>
    <a data-bs-toggle="collapse" data-bs-target="#accordion-list-2"
class="collapsed"><span>02</span> this project contributes to our
understanding and appreciation of Indian cuisine, providing valuable insights for
food enthusiasts, researchers, nutritionists, and anyone with an interest in the
culinary world.? <i class="bx bx-chevron-down icon-show"></i><i class="bx
bx-chevron-up icon-close"></i></a>
    <div id="accordion-list-2" class="collapse" data-bs-
parent=".accordion-list">
      <p>
        While Indian food is celebrated for its flavors, it is also essential to
explore its nutritional aspects. We conduct a thorough analysis of the dataset to
understand the caloric content, macronutrients, and common ingredients
contributing to specific nutritional values.
      </p>
    </div>
  </li>

  <li>
```

```html
            <a data-bs-toggle="collapse" data-bs-target="#accordion-list-3"
class="collapsed"><span>03</span> Indian food enjoys worldwide popularity,
and we aim to quantify and understand this phenomenon? <i class="bx bx-
chevron-down icon-show"></i><i class="bx bx-chevron-up icon-
close"></i></a>
            <div id="accordion-list-3" class="collapse" data-bs-
parent=".accordion-list">
              <p>
                Creating thorough documentation for your Data Analytics project,
named "Estimation Of Business Project," is essential for effectively
communicating your work and making it accessible to stakeholders. Here's a
document description to guide you in creating comprehensive project
documentation:
            </div>
          </li>


        </ul>
      </div>


      </div>


      <div class="col-lg-5 align-items-stretch order-1 order-lg-2 img"
style='background-image: url("static/img/why-us.png");' data-aos="zoom-in"
data-aos-delay="150"> </div>
    </div>


  </div>
</section><!-- End Why Us Section -->


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


    <div class="row">
      <div class="col-lg-6 d-flex align-items-center" data-aos="fade-right" data-
aos-delay="100">
        <img src="static/img/skills.png" class="img-fluid" alt="">
      </div>
      <div class="col-lg-6 pt-4 pt-lg-0 content" data-aos="fade-left" data-aos-
delay="100">
```

```html
<h3>This examination allows us to highlight the balance and diversity of Indian cuisine, enabling health-conscious individuals to make informed choices</h3>
       <p class="fst-italic">
        Creating thorough documentation for your Data Analytics project, named "Estimation Of Business Project," is essential for effectively communicating your work and making it accessible to stakeholders. Here's a document description to guide you in creating comprehensive project documentation:
       </p>

       <div class="skills-content">

        <div class="progress">
          <span class="skill">HTML <i class="val">100%</i></span>
          <div class="progress-bar-wrap">
           <div class="progress-bar" role="progressbar" aria-valuenow="100" aria-valuemin="0" aria-valuemax="100"></div>
          </div>
        </div>

        <div class="progress">
          <span class="skill">CSS <i class="val">90%</i></span>
          <div class="progress-bar-wrap">
            <div class="progress-bar" role="progressbar" aria-valuenow="90" aria-valuemin="0" aria-valuemax="100"></div>
          </div>
        </div>

        <div class="progress">
          <span class="skill">Data analytics<i class="val">75%</i></span>
          <div class="progress-bar-wrap">
            <div class="progress-bar" role="progressbar" aria-valuenow="75" aria-valuemin="0" aria-valuemax="100"></div>
          </div>
        </div>

        <div class="progress">
          <span class="skill">Data Science <i class="val">55%</i></span>
          <div class="progress-bar-wrap">
```

```html
        <div class="progress-bar" role="progressbar" aria-valuenow="55"
aria-valuemin="0" aria-valuemax="100"></div>
        </div>
      </div>

    </div>

  </div>
</div>

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

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

    <a href='#'>Dashboard</a>
    <iframe src="https://us1.ca.analytics.ibm.com/bi/? perspective-
dashboard&amp; pathRef=.my_folders%2FNa
an%2BMudhalvan%2FNew%2Bdashboard&amp; closeWindowOn
LastView=true&amp;ui_appbar=false&amp;ui_navbar=fa lse&amp;
shareMode=embedded&amp;action=view&amp; mod e=dashboard&amp;
subView-model0000018b90717044_0000 0001" width="320" height="200"
frameborder="0" ges ture="media" allow="encrypted-media"
allowfullscreen=""></iframe>

  </div>

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


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

    <div class="section-title">
      <h2>Story</h2>
```

<p>The Story section in IBM Cognos enables users to weave together a narrative by combining different visualizations, text descriptions, and annotations.

It allows for the creation of interactive and engaging presentations that bring data to life. Users can utilize various storytelling techniques to convey the message effectively,
such as introducing the problem or scenario, presenting data-driven insights, and concluding with actionable recommendations</p>
        Story
        <iframe src="https://us1.ca-analytics.ibm.com/bi/? perspective=story&pathRef_my_folders%2FNaan%2 BMudhalvan%2FStory%253A%2BIndian%2BFood%2BEDA& closeWindowOnLastView-true&ui appbar=false&am p;ui_navbar=false&shareMode-embedded&actio n=view& sceneId=mode10000018b90717044_00000001& amp; sceneTime=0" width="320" height="200" framebor der="0" gesture="media" allow="encrypted-media- al lowfullscreen=""></iframe>
        </div>

        <img src="# ADD KRNA HAI" height =500, width=500></br>
        <img src="#IMAGGE ADD KRNA HAI " height=500,width=500></br>
        <img src="#IMAGE ADD KRNA HAI" height=500,width=500></br>
         </div>

        </div>

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

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

      <div class="section-title">
        <h2>Report</h2>
        <p>The "Report Section" of the project documentation provides a comprehensive overview of the reports generated during the "Estimation Of

Business Project." These reports are instrumental in distilling complex data into actionable insights for stakeholders and decision-makers. This section aims to convey the structure, content, and significance of the reports, ensuring that their value is well-understood by the intended audience.</p>
    </div>

  <img src=#REPORT " height=500,width=500></br>
  <img src="#REPORT" height=500,width=500></br>
  <img src="#REPORT" height=500,width=500></br>
    </div>

    </div>

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

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

    <div class="section-title">
     <h2>Exploration</h2>
     <p>Estimation of Business Exploration" is a term that can be interpreted in several ways, depending on the context. It may refer to assessing the potential of a business venture, exploring new business opportunities, or estimating the resources required for a business exploration project. To provide a description for "Estimation of Business Exploration," I'll offer a general definition that can be adapted to various contexts:</p>
    </div>

  <img src= "#DD KRNA HAI" height=500,width=500>

  </section><!-- End Exploration Section -->

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

    <div class="section-title">

```
    <h2>Contact</h2>
    <p>If any queries, use this link to contact our office. Use our toll free
number 1800 666 666 to get support.</p>
    </div>

    <div class="row">

    <div class="col-lg-5 d-flex align-items-stretch">
     <div class="info">
       <p>Nh-47 JCT College of Engineering and Technology,</br>
       Pichanur,</br>
       TamilNadu-641105
       <strong>Phone:</strong>7763945064</br>
       <strong>Email:</strong>kmgupta901@gmail.com</br>
     </p>
      </div>
      <iframe
src="https://www.google.co.in/maps/place/%E0%A4%9C%E0%A5%87%E0%A
4%B8%E0%A5%80%E0%A4%9F%E0%A5%80+%E0%A4%95%E0%A5%89
%E0%A4%B2%E0%A5%87%E0%A4%9C+%E0%A4%91%E0%A4%AB%E0
%A4%BC+%E0%A4%87%E0%A4%82%E0%A4%9C%E0%A5%80%E0%A4
%A8%E0%A4%BF%E0%A4%AF%E0%A4%B0%E0%A4%BF%E0%A4%82
%E0%A4%97+%E0%A4%8F%E0%A4%82%E0%A4%A1+%E0%A4%9F%E0
%A5%87%E0%A4%95%E0%A5%8D%E0%A4%A8%E0%A5%8B%E0%A4%
B2%E0%A5%89%E0%A4%9C%E0%A5%80/@10.836487,76.87635,16.71z/da
ta=!4m6!3m5!1s0x3ba84349863e9009:0x8752c467ee412425!8m2!3d10.836236
8!4d76.8789364!16s%2Fm%2F06428t_?entry=ttu" frameborder="0"
style="border:0; width: 100%; height: 290px;" allowfullscreen></iframe>
       </div>

    </div>

    <div class="col-lg-7 mt-5 mt-lg-0 d-flex align-items-stretch">
     <form action="forms/contact.php" method="post" role="form"
class="php-email-form">
       <div class="row">
        <div class="form-group col-md-6">
         <label for="name">Your Name</label>
         <input type="text" name="name" class="form-control" id="name"
required>
        </div>
```

```html
            <div class="form-group col-md-6">
              <label for="name">Your Email</label>
              <input type="email" class="form-control" name="email" id="email"
required>
            </div>
          </div>
          <div class="form-group">
            <label for="name">Subject</label>
            <input type="text" class="form-control" name="subject" id="subject"
required>
          </div>
          <div class="form-group">
            <label for="name">Message</label>
            <textarea class="form-control" name="message" rows="10"
required></textarea>
          </div>
          <div class="my-3">
            <div class="loading">Loading</div>
            <div class="error-message"></div>
            <div class="sent-message">Your message has been sent. Thank
you!</div>
          </div>
          <div class="text-center"><button type="submit">Send
Message</button></div>
        </form>
      </div>

    </div>

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

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

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

  <div class="footer-newsletter">
    <div class="container">
      <div class="row justify-content-center">
        <div class="col-lg-6">
```

```html
    <h4>Join Our Newsletter</h4>
    <p>Enter your details to receive further updates about our site</p>
    <form action="" method="post">
      <input type="email" name="email"><input type="submit"
value="Subscribe">
    </form>
   </div>
  </div>
 </div>
</div>

<div class="footer-top">
 <div class="container">
  <div class="row">

    <div class="col-lg-3 col-md-6 footer-contact">
     <h3>Estimation of business</h3>
     <p>NH 47 JCT College of Engineering and Technology,</br>
       Pichanur, Coimbatore,</br>
       TamilNadu-641105
       <strong>Phone:</strong>044-1234 7567</br>
       <strong>Email:</strong>kmgupta901@gmail.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="#">Terms of
service</a></li>
      <li><i class="bx bx-chevron-right"></i> <a href="#">Privacy
policy</a></li>
     </ul>
    </div>

    <div class="col-lg-3 col-md-6 footer-links">
```

```html
        <h4>Our DashBoard</h4>
        <ul>
          <li><i class="bx bx-chevron-right"></i> <a href="#">Web Design</a></li>
          <li><i class="bx bx-chevron-right"></i> <a href="#">Web Development</a></li>
          <li><i class="bx bx-chevron-right"></i> <a href="#">Product Management</a></li>
          <li><i class="bx bx-chevron-right"></i> <a href="#">Marketing</a></li>
          <li><i class="bx bx-chevron-right"></i> <a href="#">Graphic Design</a></li>
        </ul>
      </div>

      <div class="col-lg-3 col-md-6 footer-links">
        <h4>Our Social Networks</h4>
        <p>Follow Estimation of business at the following sites</p></br>
        <div class="social-links mt-3">
          <a href="#" class="twitter"><i class="bx bxl-twitter"></i></a>
          <a href="#" class="facebook"><i class="bx bxl-facebook"></i></a>
          <a href="#" class="instagram"><i class="bx bxl-instagram"></i></a>
          <a href="#" class="google-plus"><i class="bx bxl-skype"></i></a>
          <a href="#" class="linkedin"><i class="bx bxl-linkedin"></i></a>
        </div>
      </div>

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

  <div class="container footer-bottom clearfix">
   <div class="copyright">
    &copy; Copyright <strong><span>Kamlesh Kumar Gupta</span></strong>. All Rights Reserved
   </div>
   <div class="credits">
    <!-- All the links in the footer should remain intact. -->
    <!-- You can delete the links only if you purchased the pro version. -->
    <!-- Licensing information: https://bootstrapmade.com/license/ -->
```

```
<!-- Purchase the pro version with working PHP/AJAX contact form:
https://bootstrapmade.com/Indian Food Eda-free-bootstrap-html-template-
corporate/ -->
    Designed by <a href="https://bootstrapmade.com/">Kamlesh Kumar
Gupta</a>
    </div>
   </div>
 </footer><!-- End Footer -->

 <div id="preloader"></div>
 <a href="#" class="back-to-top d-flex align-items-center justify-content-
center"><i class="bi bi-arrow-up-short"></i></a>

 <!-- Vendor JS Files -->
 <script src="static/vendor/aos/aos.js"></script>
 <script src="static/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
 <script src="static/vendor/glightbox/js/glightbox.min.js"></script>
 <script src="static/vendor/isotope-layout/isotope.pkgd.min.js"></script>
 <script src="static/vendor/swiper/swiper-bundle.min.js"></script>
 <script src="static/vendor/waypoints/noframework.waypoints.js"></script>
 <script src="static/vendor/php-email-form/validate.js"></script>

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

</body>

</html>
```

GitHub & Project Demo Link:

 TEAM LEADER GITHUB URL: https://github.com/kamleshgupt
PROJECT DEMO LINK URL:
https://www.youtube.com/watch?v=Bmev3_4KfIY