

## **Project Submission Guidelines**

### **1. Time Management:**

- Ensure you adhere strictly to the deadlines. Timeliness is crucial.

### **2. Proper Documentation:**

- Along with your project submission, prepare and submit proper documentation detailing your project. This documentation should include:
  - **Project Overview:** A brief description of your project.
  - **Objectives:** The main goals and objectives of your project.
  - **Methodology:** The approach and methods you used to complete the project.
  - **Challenges:** Any challenges or hurdles you faced and how you overcame them.
  - **Conclusion:** The final outcome and any recommendations or future steps.

### **3. Originality:**

- Your project must be original and not copied from any source. Plagiarism will result in the cancellation of your project submission.

**Note:** Regularly update your LinkedIn profile with your progress and achievements, as it is crucial for your career.

## **PREDICTIVE ANALYSIS**

Submission Date:- 25-08-2024

### **Objective:**

- Clean and analyze the provided dataset to determine the profitability of products/services.
- Identify strategies to increase profit margins or mitigate losses based on the analysis.

Tasks:

#### **1. Data Cleaning:**

- Review the dataset provided.
- Identify and rectify any inconsistencies, missing values, or duplicates.
- Ensure data integrity and consistency.

#### **2. Profit/Loss Analysis:**

- Compare the products sales and give a graphical representation.
- Identify products/services generating profit and those incurring losses.

#### **3. Profit Increase Prediction (if applicable):**

- Utilize predictive modeling techniques to forecast future profits.
- Explore factors contributing to profitability.
- Provide recommendations on strategies to increase profit margins.
- identify that which product can increase profit.

#### **4. Loss Mitigation (if applicable):**

- Analyze factors contributing to losses for each product/service.
- Develop strategies to minimize or eliminate losses.
- Propose actionable steps to convert loss-making products/services into profitable ones.

### **Deliverables:**

- Cleaned dataset with documented cleaning processes.
- Analysis report detailing profit/loss findings and insights.
- Presentation summarizing recommendations for profit increase or loss mitigation strategies.

### **Timeline:**

- Expected completion within [insert timeframe].

### **Guidance and Support:**

- Reach out for guidance or clarification as needed.
- Utilize relevant tools and resources for analysis.

### **Note:**

Please document all steps, methodologies used, and findings obtained during the analysis process for reference and future use.