

## **Tasks:**

### **1. Data Preparation:**

- Import the dataset into PowerBI and perform necessary data cleaning operations.
- Ensure proper data types for each column (e.g., date/time columns should be in date/time format).

### **2. Basic Analysis:**

- Create visualizations to show the distribution of orders based on delivery areas.
- Calculate and visualize the total revenue for the given period.

### **3. Time Analysis:**

- Calculate the average delivery time for each delivery area.
- Visualize the average delivery time trends over different days of the week.

### **4. Driver Performance Analysis:**

- Calculate the total number of orders delivered by each driver.
- Visualize the distribution of delivery times for each driver.

### **5. Advanced Analysis:**

- Calculate the percentage of orders delivered ASAP (As Soon As Possible) and non-ASAP.
- Analyze the impact of ASAP orders on delivery times.

### **6. Challenge Task (Difficult):**

- Calculate the average delivery time for each driver and identify the top-performing drivers based on this metric.
- Visualize the average delivery time for each driver and compare it with the overall average delivery time.

### **7. Presentation:**

- Create a dashboard that summarizes the key findings from the analysis.
- Include visualizations for basic analysis, time analysis, driver performance, and the challenge task.

### **8. Conclusion:**

- Write a brief conclusion based on your analysis, highlighting any trends or insights discovered.
- Provide recommendations for improving delivery efficiency or customer satisfaction based on your findings.

**Submission Guidelines:**

- Submit a PowerBI file (.pbix) containing the completed analysis and dashboard.
- Include a brief report (PDF) summarizing your findings and recommendations.