**Project Title: Data Analysis of Diabetes Patients Using Key Health Metrics**

**Objective:**  
To analyze and visualize diabetes-related healthcare data to uncover trends, patterns, and key insights that can help identify risk factors and improve patient outcomes.

**Key Performance Indicators (KPIs):**

1. **Average Glucose Levels**: Assess the average glucose levels among patients with and without diabetes.
2. **BMI Distribution**: Calculate the percentage of patients in different BMI categories (e.g., underweight, normal, overweight, obese).
3. **Age Distribution by Outcome**: Analyze how the diabetes outcome correlates with different age groups.
4. **Blood Pressure Analysis**: Identify the distribution of blood pressure levels among patients.
5. **Outcome Percentage**: Calculate and visualize the percentage distribution of patients with positive (1) and negative (0) outcomes.
6. **Missing Data Report**: Generate a summary of missing or incomplete data to understand the data quality.