**Some of the applications of Histograms**

**1. Exam and Test Score Analysis**

Used to see how students’ marks are distributed — whether most scored average, few failed, or few got top marks.

**2. Salary Distribution in a Company**

Helps HR understand if salaries are mostly concentrated in a certain range or spread widely — useful for pay equity analysis.

**3. Age Distribution of Population**

Used in demographics to see which age groups are more or less populated — for planning schools, healthcare, etc.

**4. Website Traffic Analysis**

Shows how many users visit in different time intervals (e.g., hourly or daily), helping find peak traffic periods.

**5. Customer Purchase Amount Analysis**

Shows how much customers typically spend — whether most buy small items or few make big purchases.