**Dataset**

| **ID** | **Name** | **Age** | **Gender** | **Department** | **Salary** | **Experience** |
| --- | --- | --- | --- | --- | --- | --- |
| 101 | John Smith | 35 | Male | Sales | 50000 | 7 |
| 102 | Jane Doe | 28 | Female | Marketing | 55000 | 4 |
| 103 | Alice Lee | 40 | Female | Finance | 60000 | 12 |
| 104 | Bob Brown | 45 | Male | Sales | 48000 | 10 |
| 105 | Sarah Young | 30 | Female | HR | 52000 | 6 |

**Pivot Table Questions**

1. Average Salary by Department: What is the average salary for each department?
2. Total Experience by Gender: What is the total experience (in years) for each gender?
3. Number of Employees by Age Group: How many employees fall into each age group? (e.g., 20-30, 31-40, etc.)
4. Maximum Salary by Department and Gender: What is the maximum salary for each department and gender?
5. Average Experience by Department: What is the average experience for employees in each department?

**Dashboard Questions**

1. Gender Distribution: Create a pie chart showing the distribution of genders in the company.
2. Salary Distribution: Visualize the salary distribution across different departments using a histogram.
3. Experience vs. Salary: Create a scatter plot showing the relationship between experience and salary.
4. Departmental Comparison: Compare the average salary across departments using a bar chart.
5. Experience Distribution: Show the distribution of experience using a box plot.