```
# Read the Excel file

file_path = "students_data.xlsx"  # Replace with the actual file name

df = pd.read_excel(file_path)


# Calculate percentage

df['Percentage'] = (df['Marks'] / 15) * 100


# Categorize students

greater_75 = df[df['Percentage'] > 75]

between_60_75 = df[(df['Percentage'] >= 60) & (df['Percentage'] <= 75)]

less_60 = df[df['Percentage'] < 60]


# Print categorized students

print("\nStudents with > 75% marks:")

print(greater_75)


print("\nStudents with 60% to 75% marks:")

print(between_60_75)


print("\nStudents with < 60% marks:")

print(less_60)


# Plot Histogram

plt.figure(figsize=(7, 5))

plt.hist(df['Percentage'], bins=range(0, 101, 5), edgecolor='black', color='blue')

plt.xlabel('Percentage')

plt.ylabel('Number of Students')
```

```
plt.title('Histogram Plot')

plt.show()


# Plot Scatter Plot

plt.figure(figsize=(7, 5))

plt.scatter(df.index, df['Percentage'], color='blue')

plt.xlabel('Students')

plt.ylabel('Percentage')

plt.title('Scatter Plot')

plt.show()
```