In [1]:
```python
import openpyxl
import matplotlib.pyplot as plt
```

In [4]:
```python
excel_file_path = r'C:\Users\lab\Desktop\Book1.xlsx'
```

In [5]:
```python
workbook = openpyxl.load_workbook(excel_file_path)
```

In [8]:
```python
sheet = workbook['Sheet1']
```

In [9]:
```python
data = {'Roll': [], 'Marks': []}
```

In [12]:
```python
for row in sheet.iter_rows(min_row=2, values_only=True):  # Assuming data start
    roll, marks = row
    data['Roll'].append(roll)
    data['Marks'].append(marks)
```
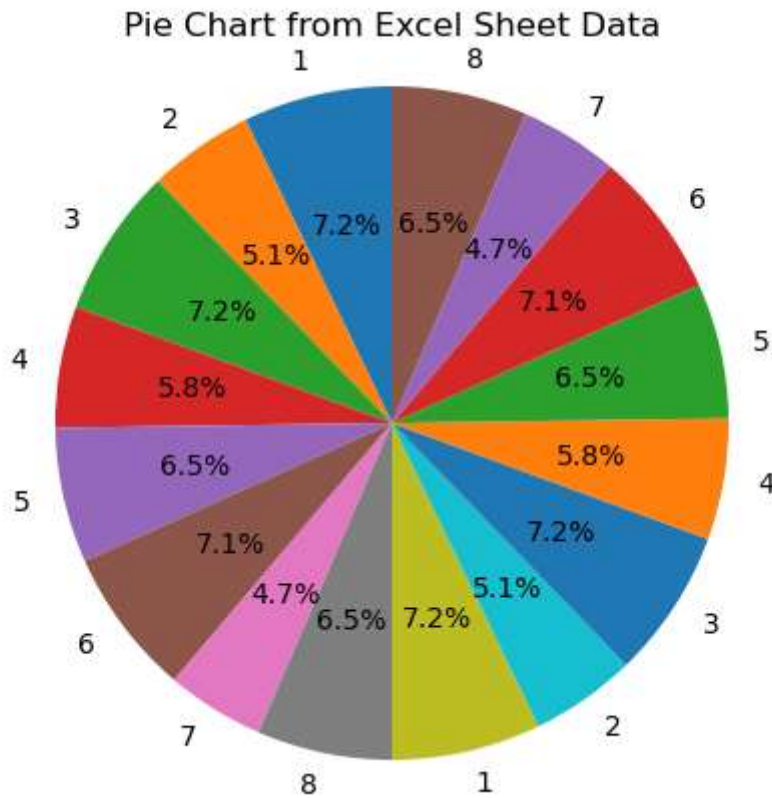
In [13]:
```python
plt.bar(data['Roll'], data['Marks'])
plt.xlabel('Roll')
plt.ylabel('Marks')
plt.title('Bar Chart from Excel Sheet Data')
```

Out[13]: Text(0.5, 1.0, 'Bar Chart from Excel Sheet Data')
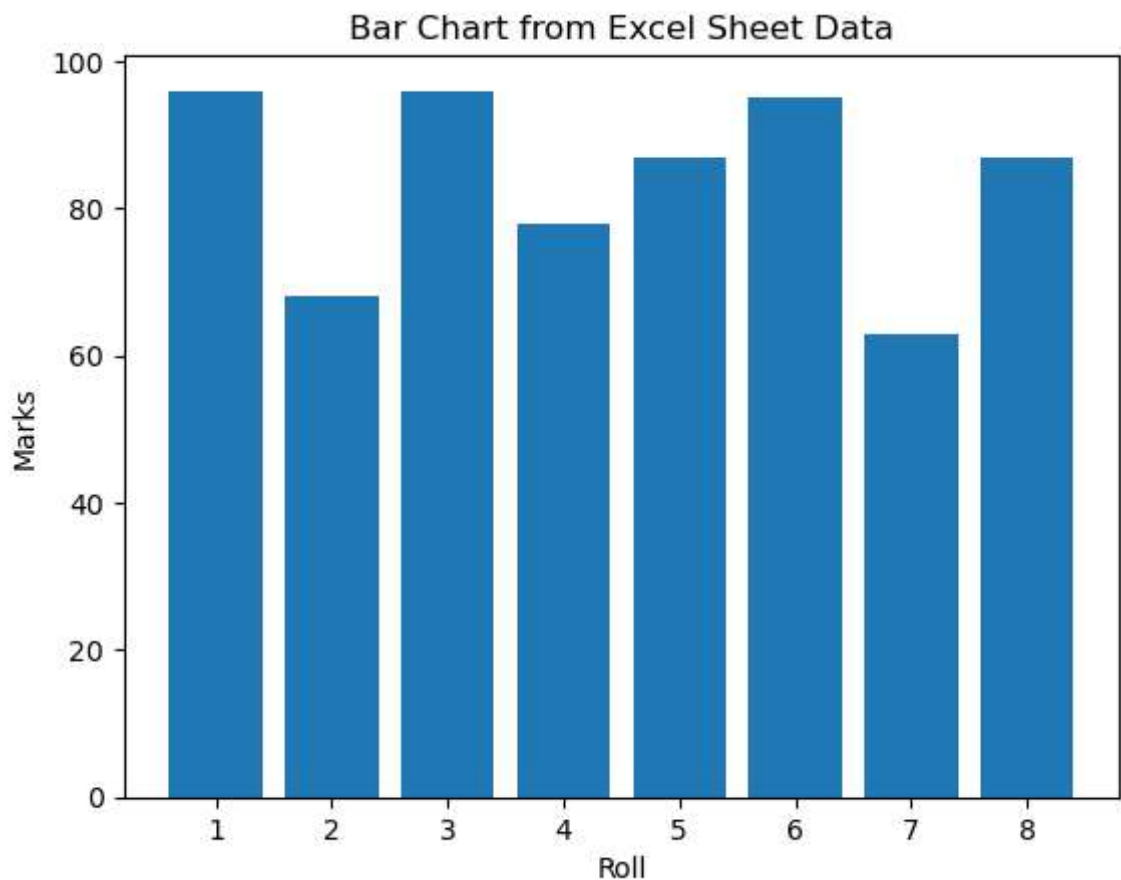
In [14]:
```python
plt.pie(data['Marks'], labels=data['Roll'], autopct='%1.1f%%', startangle=90)
plt.axis('equal')  # Equal aspect ratio ensures that pie is drawn as a circle.
plt.title('Pie Chart from Excel Sheet Data')
```

Out[14]: Text(0.5, 1.0, 'Pie Chart from Excel Sheet Data')

Pie Chart from Excel Sheet Data

In [16]:
```python
plt.hist(data['Marks'], bins=10, edgecolor='black')  # Adjust the number of bir
plt.xlabel('Marks')
plt.ylabel('Frequency')
plt.title('Histogram of Marks from Excel Sheet Data')
```

Out[16]: Text(0.5, 1.0, 'Histogram of Marks from Excel Sheet Data')
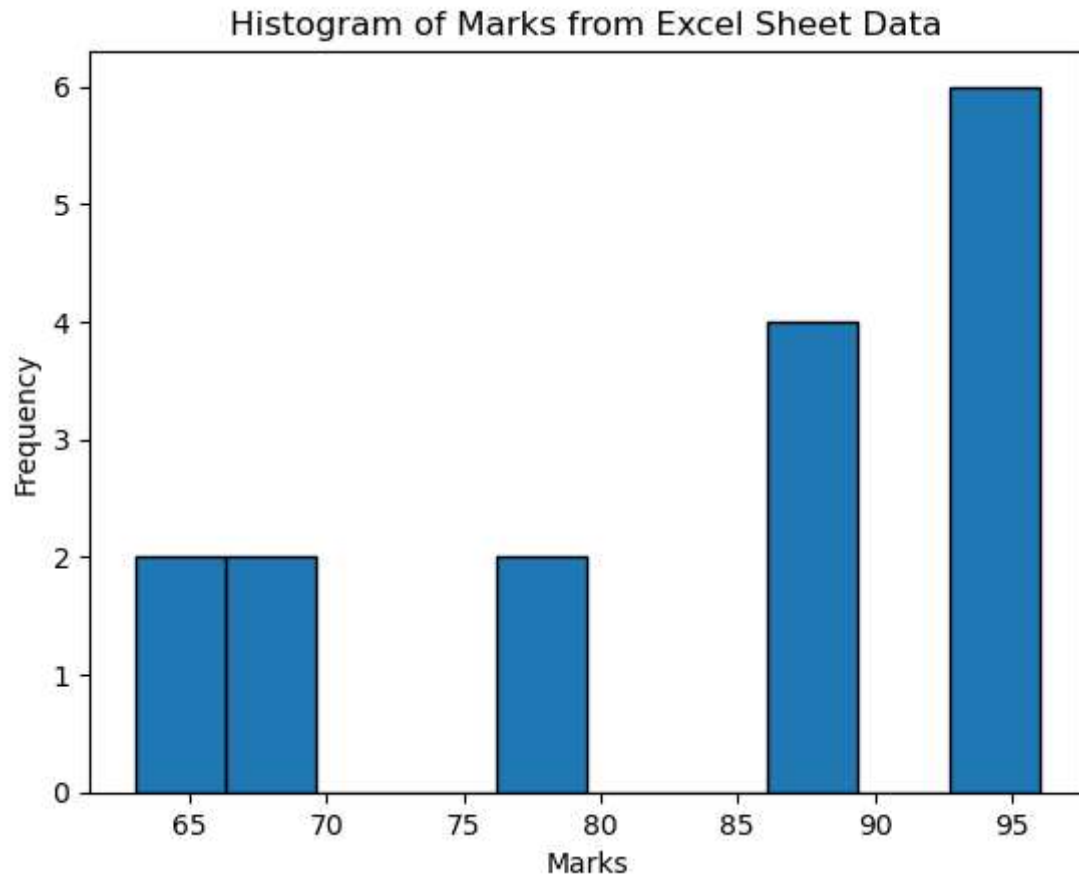
In [17]:
```python
plt.plot(data['Roll'], data['Marks'], marker='o', linestyle='-', color='b')
plt.xlabel('Roll')
plt.ylabel('Marks')
plt.title('Line Graph from Excel Sheet Data')
```

Out[17]: Text(0.5, 1.0, 'Line Graph from Excel Sheet Data')
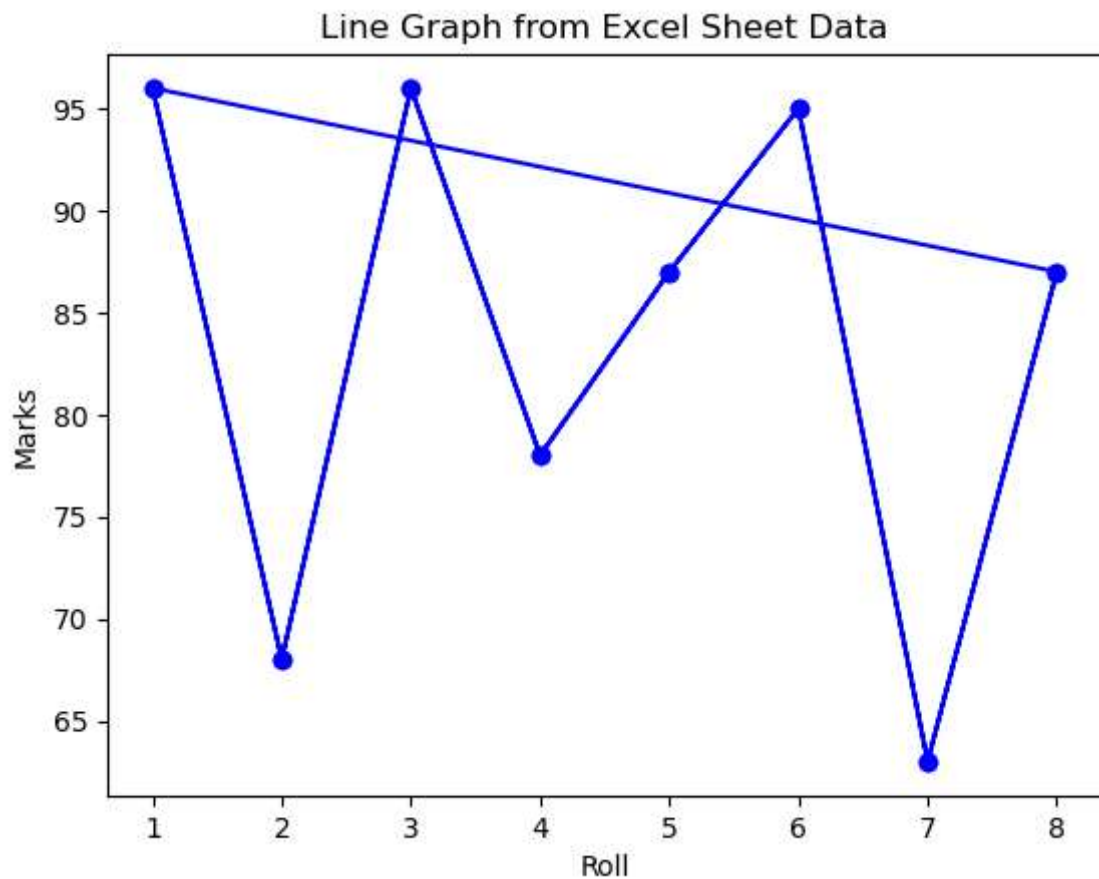
In [18]:
```python
plt.fill_between(data['Roll'], data['Marks'], color='skyblue', alpha=0.4)
plt.plot(data['Roll'], data['Marks'], marker='o', linestyle='-', color='b')
plt.xlabel('Roll')
plt.ylabel('Marks')
plt.title('Area Graph from Excel Sheet Data')
```

Out[18]: Text(0.5, 1.0, 'Area Graph from Excel Sheet Data')
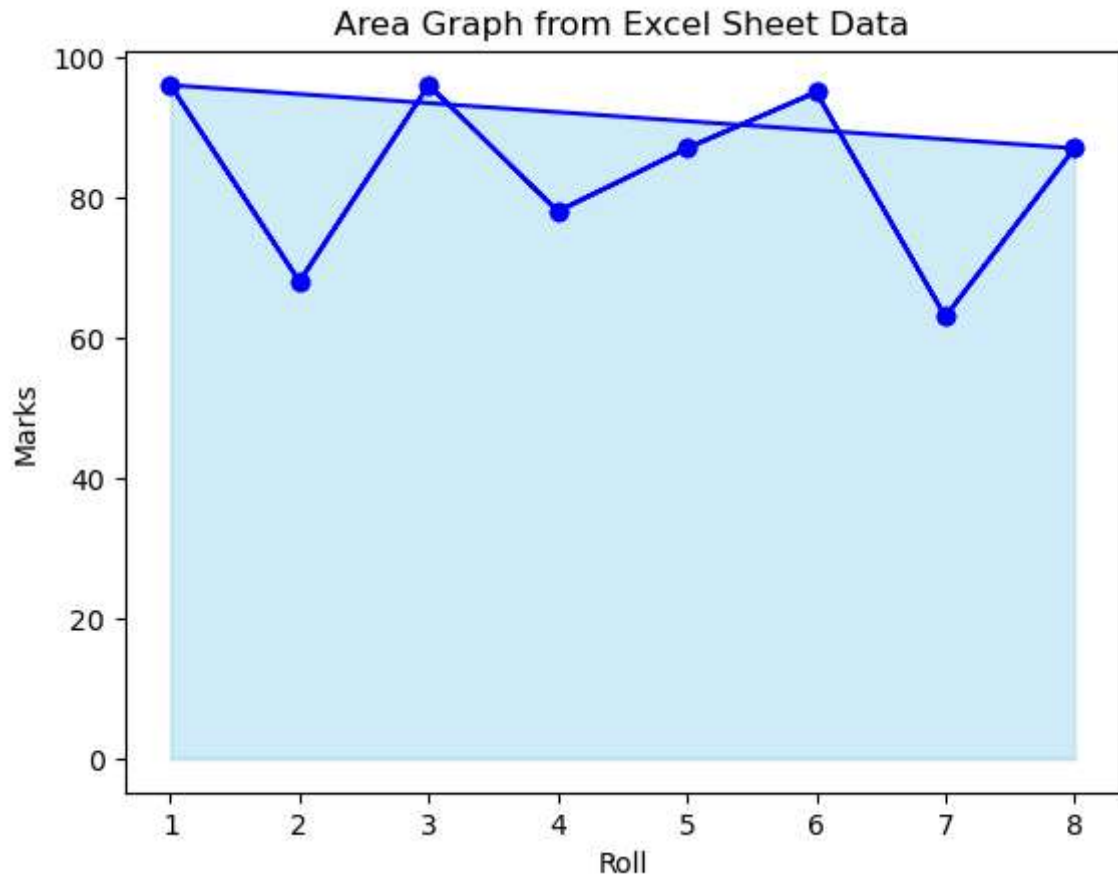
In [19]:
```python
plt.scatter(data['Roll'], data['Marks'], color='b', marker='o')
plt.xlabel('Roll')
plt.ylabel('Marks')
plt.title('Scatter Plot from Excel Sheet Data')
```

Out[19]: Text(0.5, 1.0, 'Scatter Plot from Excel Sheet Data')