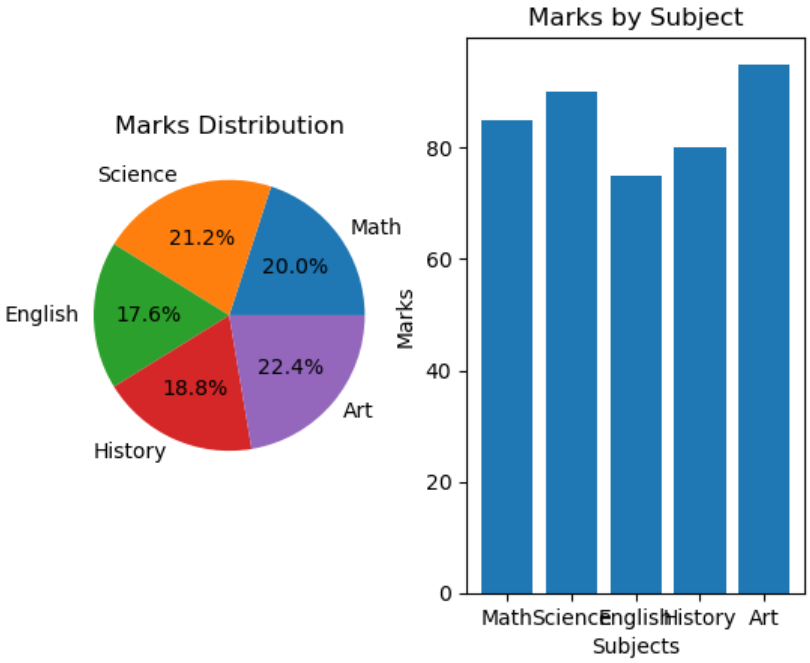
Write a python program to create two lists, one representing subject names and the other representing marks obtained in those subjects. Display the data in a pie chart and bar chart.

In [5]:
```
import matplotlib.pyplot as plt

s = ['Math', 'Science', 'English', 'History', 'Art']
m = [85, 90, 75, 80, 95]

plt.subplot(1, 2, 1)
plt.pie(m, labels=s, autopct='%1.1f%%')
plt.title('Marks Distribution')

plt.subplot(1, 2, 2)
plt.bar(s, m)
plt.title('Marks by Subject')
plt.xlabel('Subjects')
plt.ylabel('Marks')
plt.show()
```



B) Write a python program to create a data frame for students' information such as name, graduation percentage and age. Display average age of students, average of graduation percentage.

In [6]:
```
import pandas as pd

df = pd.DataFrame(columns=['name', 'graduation_per', 'age'])
df.loc[0] = ['Aarav', 85, 21]
df.loc[1] = ['Vihaan', 78, 22]
df.loc[2] = ['Reyansh', 92, 23]
df.loc[3] = ['Krishna', 88, 21]
df.loc[4] = ['Lakshay', 80, 20]

avg_age = df['age'].mean()
avg_grad = df['graduation_per'].mean()

print("Average Age:", avg_age)
print("Average Graduation Percentage:", avg_grad)
```

```
Average Age: 21.4
Average Graduation Percentage: 84.6
```