Program:

import pandas as pd

import matplotlib.pyplot as plt

data = {

'Category': ['A', 'B', 'A', 'B', 'C'],

'Value': [10, 15, 20, 25, 30]

}

df = pd.DataFrame(data)

print("Data:")

print(df)

avg\_values = df.groupby('Category')['Value'].mean()

avg\_values.plot(kind='bar', color='green')

plt.title('Average Value per Category')

plt.xlabel('Category')

plt.ylabel('Average Value')

plt.xticks(rotation=0)

plt.tight\_layout()

plt.show()

Output:



