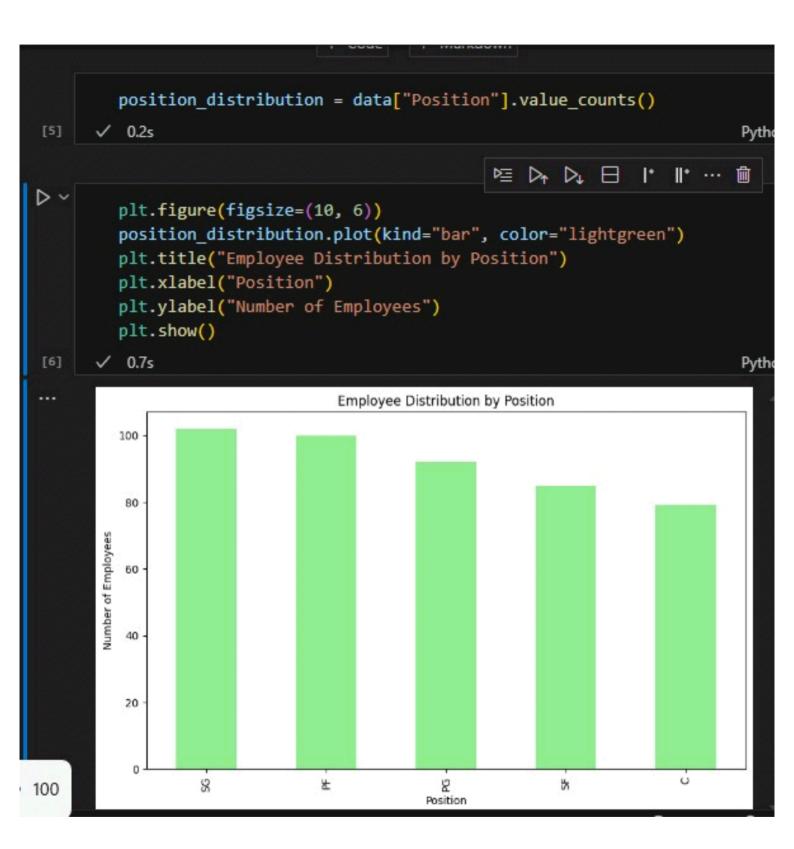
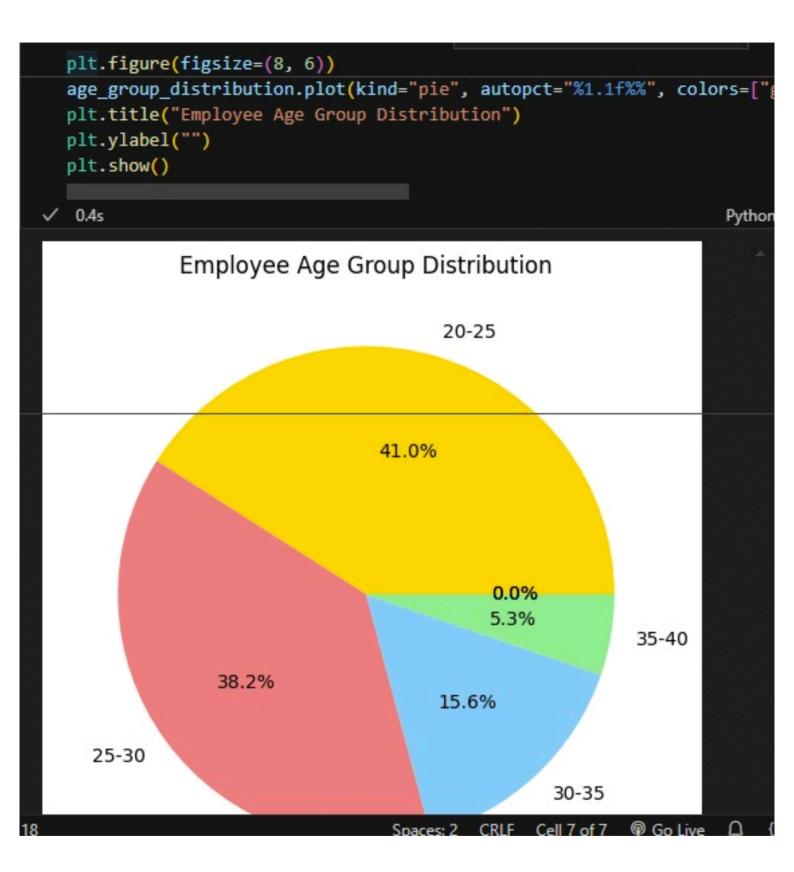
```
import pandas as pd
   import numpy as np
   data = pd.read_excel("MODULE PROJECT EXCEL FILE.xlsx")
   data["Height"] = np.random.randint(150, 181, size=len(data))
   print(data.isnull().sum())
   print(data.duplicated().sum())
 ✓ 6.8s
Name
            0
Team
            0
Number
            0
Position
            0
            0
Age
Height
            0
Weight
            0
College
            0
Salary
            0
dtype: int64
0
```







```
Click to add a breakpoint (12, 6))
 team_salary.plot(κind="bar", color="orange")
plt.title("Total Salary Expenditure by Team")
 plt.xlabel("Team")
plt.ylabel("Total Salary")
plt.show()
plt.figure(figsize=(12, 6))
position_salary.plot(kind="bar", color="purple")
plt.title("Total Salary Expenditure by Position")
 plt.xlabel("Position")
plt.ylabel("Total Salary")
 plt.show()
 4.0s
                                                                      Python
                           Total Salary Expenditure by Team
1.2
0.8
```

0.6

```
correlation = data["Age"].corr(data["Salary"])
    print(f"Correlation between Age and Salary: {correlation:.2f}")

v 0.6s

Python

Correlation between Age and Salary: 0.21
```

