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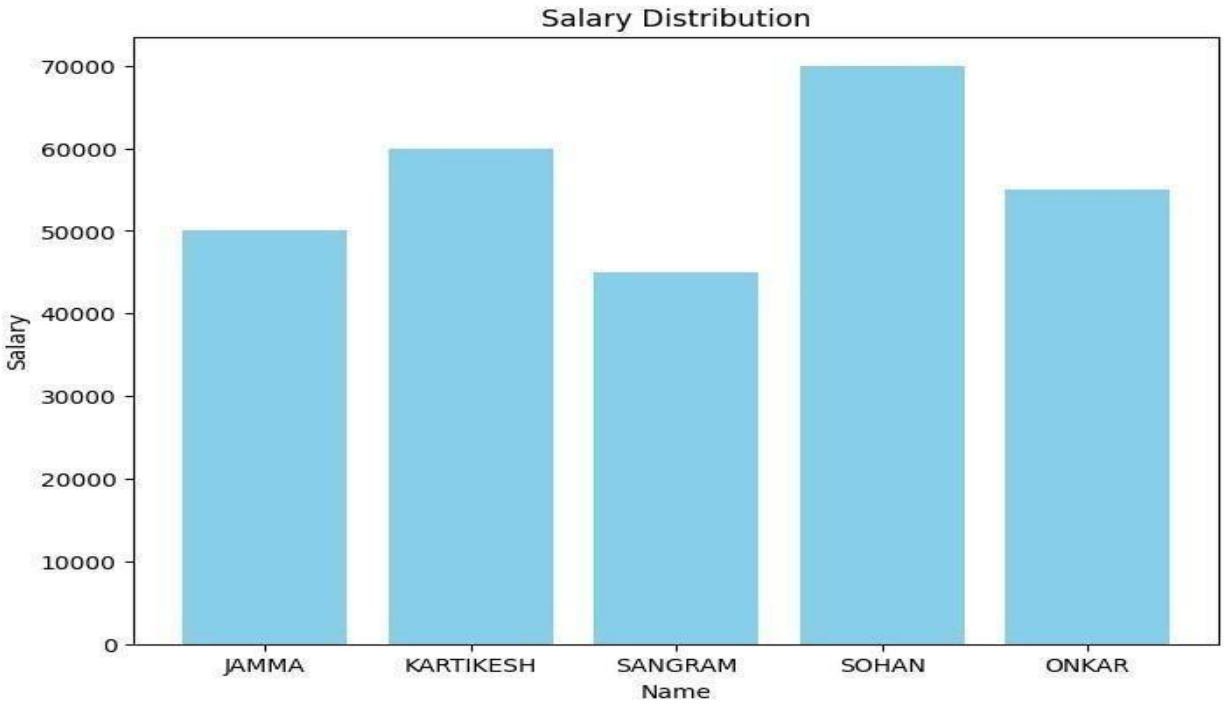
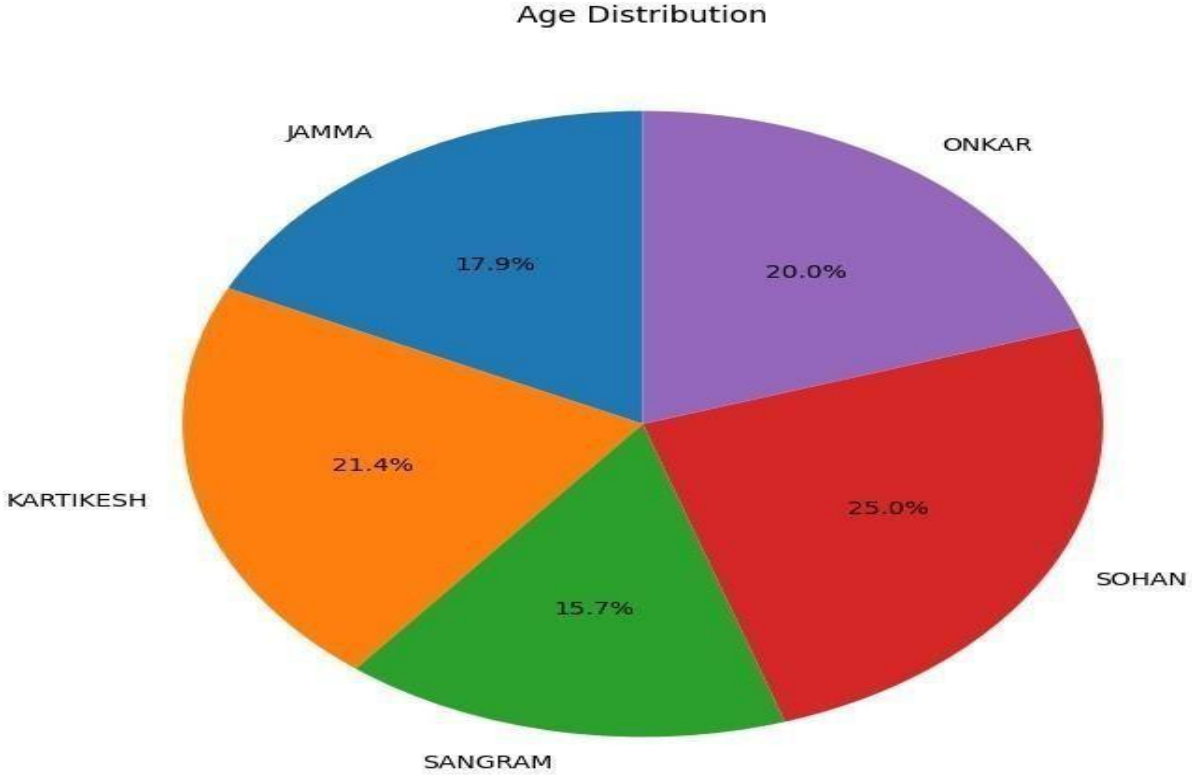
Roll no : 06

PRACTICAL 1

```
import pandas as pd import matplotlib.pyplot
as plt
# Creating a DataFrame data = {'Name': ['JAMMA', 'KARTIKESH',
'SANGRAM', 'SOHAN', 'ONKAR'],
 'Age': [25, 30, 22, 35, 28],
 'Salary': [50000, 60000, 45000, 70000, 55000]} df

= pd.DataFrame(data) # Displaying the

DataFrame print("DataFrame:") print(df) # Plotting
a bar chart for Salary plt.figure(figsize=(8, 6))
plt.bar(df['Name'], df['Salary'], color='skyblue') plt.title('Salary
Distribution') plt.xlabel('Name') plt.ylabel('Salary') plt.show()
# Plotting a pie chart for Age plt.figure(figsize=(8,

8))
plt.pie(df['Age'], labels=df['Name'], autopct='%1.1f%%', startangle=90)
plt.title('Age Distribution')

                                    plt.show()
```

```
 DataFrame:

         Name          Age
 Salary
 0       JAMMA   25   50000

 1       KARTIKESH    30
         60000
 2       SANGRAM   22
         45000
 3       SOHAN   35   70000
 4       ONKAR   28   55000
```


Salary Distribution
70000
60000
50000
40000
30000
20000
10000
0
Salary
JAMMA
KARTIKESH
SANGRAM
SOHAN
ONKAR
Name


Age Distribution
JAMMA
ONKAR
17.9%
20.0%
21.4%
KARTIKESH
25.0%
SOHAN
15.7%
SANGRAM