Pandas checkpoint

import pandas as pd

data = {'Name': ['John', 'Mary', 'Bob', 'Sarah', 'Tom', 'Lisa'], 'Department': ['IT', 'Marketing', 'Sales', 'IT', 'Finance', 'Marketing'], 'Age': [30, 40, 25, 35, 45, 28], 'Gender': ['Male', 'Female', 'Male', 'Female', 'Male', 'Female'], 'Salary': [50000, 60000, 45000, 55000, 70000, 55000], 'Experience': [3, 7, 2, 5, 10, 4]}

employee\_df = pd.DataFrame(data)

print(employee\_df)

1. print(employee\_df.iloc[0:3])
2. print(employee\_df.loc[employee\_df['Department'] == 'Marketing'])
3. print(employee\_df.iloc[0:4, 2:4])
4. print(employee\_df.loc[employee\_df['Gender'] == 'Male', 'Salary':'Experience'])