1. You are assigned a data creation task. Based on the field/topic given to you, use Pandas to create a CSV file containing at least 25 entries. Each record should have relevant columns (fields) suitable for your dataset. Steps:
2. Identify 6–10 suitable columns for your assigned topic.
3. Generate realistic sample data (manually or using random generation).
4. Create a Pandas DataFrame with the data.
5. Save the data as a CSV file with a suitable filename (e.g., cricketers.csv). Submit your .csv file along with the code used to generate it. Company Employee Records Employee_ID, Name, Department, Designation, Salary, Join_Date, Email, Location

```python
In [2]:  import pandas as pd
         data = {
         'Employee_ID': ['E001', 'E002', 'E003', 'E004', 'E005',
             'E006', 'E007', 'E008', 'E009', 'E010',
             'E011', 'E012', 'E013', 'E014', 'E015',
             'E016', 'E017', 'E018', 'E019', 'E020',
             'E021', 'E022', 'E023', 'E024', 'E025'],
         'Name': ['Amit', 'Priya', 'Rahul', 'Sneha', 'Karan',
             'Anita', 'Ravi', 'Pooja', 'Vikram', 'Neha',
             'Arjun', 'Kavya', 'Suresh', 'Meena', 'Nitin',
             'Divya', 'Manoj', 'Ritu', 'Rakesh', 'Alka',
             'Tarun', 'Shreya', 'Deepak', 'Payal', 'Sunny'],
         'Department': ['IT', 'HR', 'Sales', 'Finance', 'Marketing',
             'Operations', 'Customer Support', 'IT', 'HR', 'Sales',
             'Finance', 'Marketing', 'Operations', 'Customer Support', 'IT',
             'HR', 'Sales', 'Finance', 'Marketing', 'Operations',
             'Customer Support', 'IT', 'HR', 'Sales', 'Finance'],
             'Designation': ['Engineer', 'Executive', 'Manager', 'Analyst', 'Assistant',
             'Coordinator', 'Specialist', 'Engineer', 'Executive', 'Manager',
             'Analyst', 'Assistant', 'Coordinator', 'Specialist', 'Engineer',
             'Executive', 'Manager', 'Analyst', 'Assistant', 'Coordinator',
             'Specialist', 'Engineer', 'Executive', 'Manager', 'Analyst'],
         'Salary': [50000, 40000, 60000, 55000, 45000,
                 42000, 43000, 52000, 61000, 53000,
                 46000, 51000, 43000, 62000, 54000,
                 47000, 44000, 53000, 63000, 55000,
                 48000, 45000, 54000, 64000, 56000],
         'Join_Date': ['2021-01-15', '2021-02-10', '2021-03-05', '2021-04-12', '2021-05-1
                 '2021-06-20', '2021-07-25', '2021-08-30', '2021-09-10', '2021-10-15',
                 '2021-11-01', '2021-12-05', '2022-01-10', '2022-02-14', '2022-03-18',
                 '2022-04-20', '2022-05-25', '2022-06-30', '2022-07-10', '2022-08-15',
                 '2022-09-20', '2022-10-25', '2022-11-30', '2022-12-05', '2023-01-10'],
          'Email': ['amit@company.com', 'priya@company.com', 'rahul@company.com', 'sneha@
                 'anita@company.com', 'ravi@company.com', 'pooja@company.com', 'vikram@co
                 'arjun@company.com', 'kavya@company.com', 'suresh@company.com', 'meena@c
                 'divya@company.com', 'manoj@company.com', 'ritu@company.com', 'rakesh@co
                 'tarun@company.com', 'shreya@company.com', 'deepak@company.com', 'payal@
         'Location': ['Mumbai', 'Delhi', 'Chennai', 'Bangalore', 'Hyderabad',
                 'Pune', 'Kolkata', 'Mumbai', 'Delhi', 'Chennai',
                  'Bangalore', 'Hyderabad', 'Pune', 'Kolkata', 'Mumbai',
                 'Delhi', 'Chennai', 'Bangalore', 'Hyderabad', 'Pune',
                 'Kolkata', 'Mumbai', 'Delhi', 'Chennai', 'Bangalore']
         }
         df = pd.DataFrame(data)
```

```python
df.to_csv('employee_records.csv', index=False)
print("CSV file 'employee_records.csv' created successfully.")
```

CSV file 'employee_records.csv' created successfully.

In [ ]: