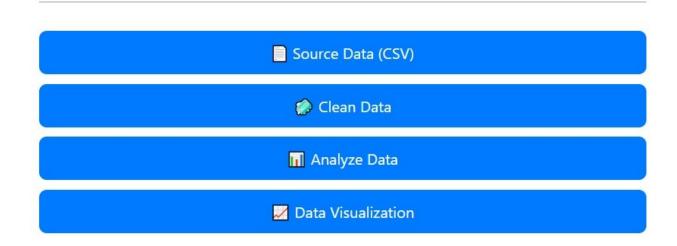
Final Project in IT108

Title: Crime Data Analysis & Visualization

Student Name: Juan de la Cruz



1. Source Data

A	Α	В	C	D	E	F
1	date	crime_typ	location	gender	age	count
2	01/01/2024	Theft	Manila	Male	25	5
3	01/01/2024	Assault	Quezon C	Female	30	3
4	02/01/2024	Theft	Manila	Male		2
5	03/01/2024	Murder	Makati	Female	40	1
6	03/01/2024	Theft	Manila		25	4
7	01/02/2024	Theft	Manila	Male	25	8
8	01/02/2024	Assault	Quezon C	Female	30	4
9	02/02/2024	Theft	Manila	Male		4
10	03/02/2024	Murder	Makati	Female	40	2
11	03/02/2024	Theft	Manila		25	6
12	02/03/2024	Theft	Manila	Male		2
13	03/03/2024	Murder	Makati	Female	40	1
14	03/03/2024	Theft	Manila		25	4
15	01/03/2024	Theft	Manila	Male	25	8
16	01/03/2024	Assault	Quezon C	Female	30	4
17						

2. Clean Data

Data cleaned successfully!

View Cleaned Data

JSON CLEAN DATA:

```
[
  {
    "date": "01\/01\/2024",
    "crime_type": "Theft",
    "location": "Manila",
    "gender": "Male",
    "age": "25",
    "count": "5"
  },
    "date": "01\/01\/2024",
    "crime_type": "Assault",
    "location": "Quezon City",
    "gender": "Female",
    "age": "30",
    "count": "3"
  },
  {
```

```
"date": "02\/01\/2024",
  "crime_type": "Theft",
  "location": "Manila",
  "gender": "Male",
  "age": "Unknown",
  "count": "2"
},
{
  "date": "03\/01\/2024",
  "crime_type": "Murder",
  "location": "Makati",
  "gender": "Female",
  "age": "40",
  "count": "1"
},
{
  "date": "03\/01\/2024",
  "crime_type": "Theft",
  "location": "Manila",
  "gender": "Unknown",
  "age": "25",
  "count": "4"
},
{
  "date": "01\/02\/2024",
  "crime_type": "Theft",
  "location": "Manila",
  "gender": "Male",
  "age": "25",
```

```
"count": "8"
},
{
  "date": "01\/02\/2024",
  "crime_type": "Assault",
  "location": "Quezon City",
  "gender": "Female",
  "age": "30",
  "count": "4"
},
{
  "date": "02\/02\/2024",
  "crime_type": "Theft",
  "location": "Manila",
  "gender": "Male",
  "age": "Unknown",
  "count": "4"
},
{
  "date": "03\/02\/2024",
  "crime_type": "Murder",
  "location": "Makati",
  "gender": "Female",
  "age": "40",
  "count": "2"
},
{
  "date": "03\/02\/2024",
  "crime_type": "Theft",
```

```
"location": "Manila",
  "gender": "Unknown",
  "age": "25",
  "count": "6"
},
{
  "date": "02\/03\/2024",
  "crime_type": "Theft",
  "location": "Manila",
  "gender": "Male",
  "age": "Unknown",
  "count": "2"
},
{
  "date": "03\/03\/2024",
  "crime_type": "Murder",
  "location": "Makati",
  "gender": "Female",
  "age": "40",
  "count": "1"
},
{
  "date": "03\/03\/2024",
  "crime_type": "Theft",
  "location": "Manila",
  "gender": "Unknown",
  "age": "25",
  "count": "4"
},
```

```
{
    "date": "01\/03\/2024",
    "crime_type": "Theft",
    "location": "Manila",
    "gender": "Male",
    "age": "25",
    "count": "8"
 },
  {
    "date": "01\/03\/2024",
    "crime_type": "Assault",
    "location": "Quezon City",
    "gender": "Female",
    "age": "30",
    "count": "4"
 }
]
```

3. Analyzed Data

Analysis completed!

View Analyze Data

JSON FILE ANALYZED DATAI

```
"crime_per_type": {
    "Theft": 43,
        "Assault": 11,
        "Murder": 4
    "crime per location": {
        "Manila": 43,
        "Quezon City": 11,
        "Makati": 4
    "crime_per_gender": {
        "Male": 29,
        "Female": 15,
        "Unknown": 14
    "monthly trend": {
        "2024-01": 32,
        "2024-02": 8,
        "2024-03": 18
}
```

4. Data Visualization

Crime Data Analysis Dashboard

