1. PROJECT NO:

- 03

2. TITLE:

- Adult People's Information Dataset

3. OBJECTIVES:

- How to fetch random data
- How to fetch random samples from the Dataset?
- Fetch 40-50-60% of data from dataset
- How to check a value is in dataset or not?
- Drop null value
- Replace '?' marks with null value
- Remove duplicated data
- What is Univariate analysis?
- What is Bivariate analysis?
- Memory Optimization

4. DESIGN/ALGORITHM/FLOWCHART:

5. QUESTION:

1.Display Top 10 Rows of The Dataset
2. Check Last 10 Rows of The Dataset
3. Find Shape of Our Dataset (Number of Rows and Number of Columns)
4. Getting Information About Our Dataset Like Total Number Rows, Total Number of Columns, Datatypes of Each Column and Memory Requirement
5. Fetch Random Sample from the Dataset (50%)
6.Check Null Values in The Dataset
7.Perform Data Cleaning [Replace '?' with NaN]
8. Drop all The Missing Values
9. Check for Duplicate Data and Drop Them

6. IMPLEMENTATION:

- **Implementation and output section can see on my GitHub**

7. OUTPUT:

8. ANALYSIS:

- In this project, I gain knowledge on sample data, cleaning data and how to find percentage of null value.

9. DISCUSSION:

10. CONCLUSION:

11. REFERENCE:
- **Dataset:** Adult People's Information Dataset
- **Tutorial:** YT|Project_03
- **Online Resources:**
- **Others:**

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