## **EV Registration Analysis: Assignment**

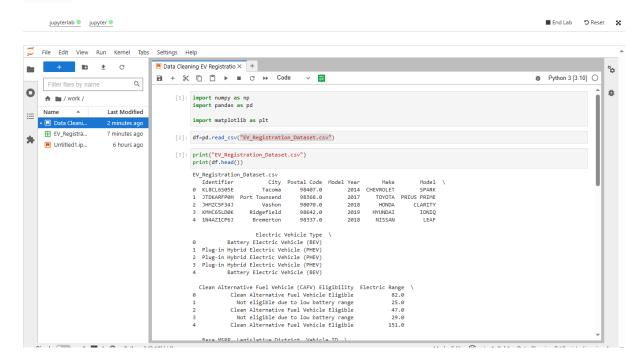
Data Science: Python Project: DATA Cleaning

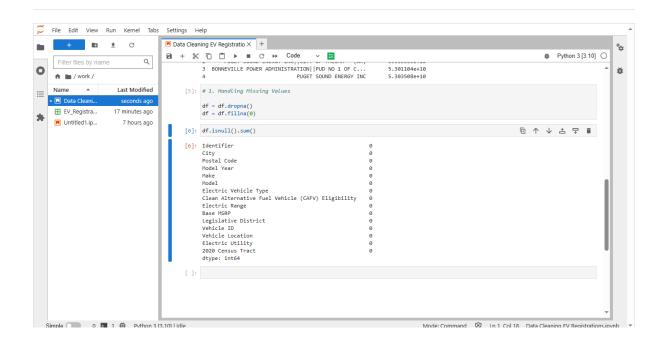
Name: Chumani Mazwi

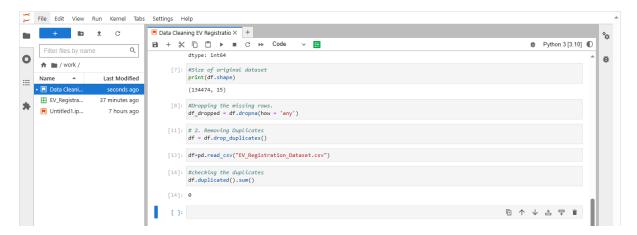
Email: cmazwi5@gmail.com

Institution: Deviare | MICT SETA | Belong |

Clean the data by removing incorrect, duplicate or missing data.



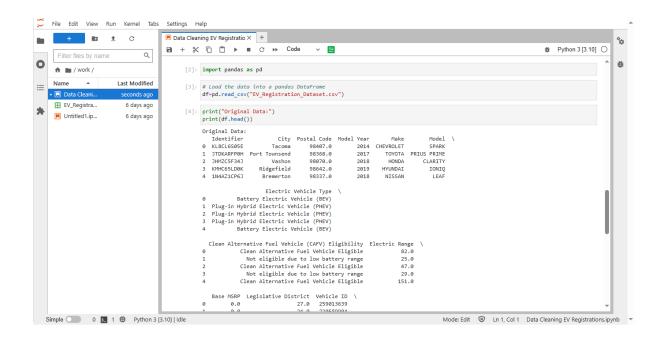




Clean the data by removing incorrect, duplicate or missing data:

## Step 1:

Importing the necessary libraries and loading the data set:

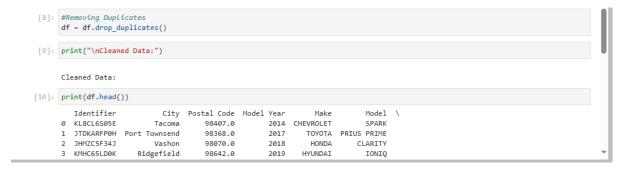


## Step 2: Data Cleaning Steps: 1 { # Handling Missing Values} Dropping rows with missing values | Alternatively, fill missing values with a specific value e.g (0):

```
[5]: #Dropping rows with missing Values:
df = df.dropna()

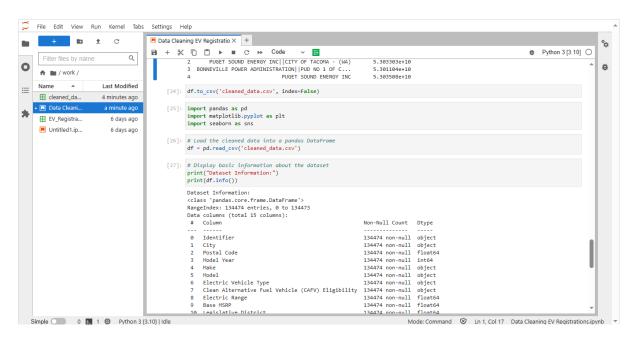
[7]: # df = df.fillna(θ)
df=df.fillna(θ)
```

Step 3: Removing Duplicates and Printing the Cleaned Data

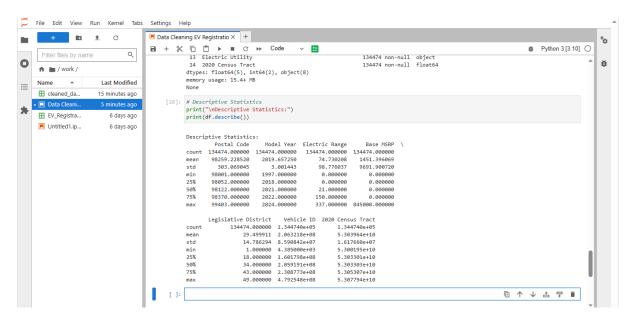


Analyse the data and understand the nature of the trends present in the data:

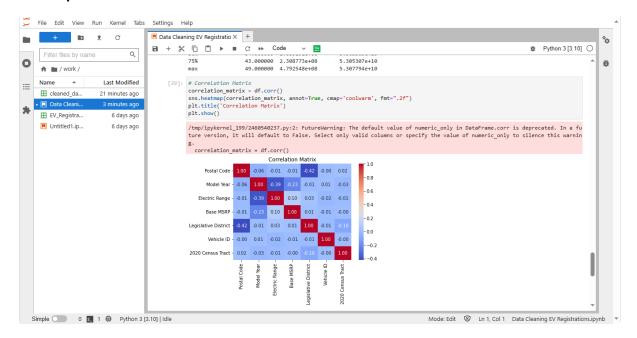
The first step is to import the necessary libraries, load the data into the pandas Data frame and display the basic information about the dataset:



The next step involves applying descriptive statistics about the dataset:



The next step involves using the correlation matrix to interpret the dataset:



The next step involves using the pair plot to interpret the dataset:



