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```
pwd
```

```
/kaggle/input/dataset/Electronics/Electronics Vehicle Charging Stations.csv
```

```
import os
os.chdir("/kaggle/input/dataset/Electronics/Electronics Vehicle Charging Stations.csv"
os.listdir('.')
os.getcwd()
```

```
['electric_vehicle.csv']
'/kaggle/input/dataset/Electronics/Electronics Vehicle Charging Stations.csv'
```

```
!ls /kaggle/input/dataset/Electronics/Electronics Vehicle Charging Stations.csv
```

```
electric_vehicle.csv
```

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
import plotly.express as px
import plotly.graph_objects as go
import plotly.io as pio
import folder_stat
import os
import folder_stat
import os
import folder_stat
import os
```

```
df.info()
```

```
<class'pandas.core.frame.DataFrame'>
RangeIndex: 9800 entries, 0 to 9799
Data columns (total 22):
 #   Unnamed: 0  9800 non-null   int64
 #   Trip_ID     9800 non-null   int64
 #   Driver_ID   9800 non-null   int64
 #   Vehicle_ID  9800 non-null   int64
 #   City        9800 non-null   int64
 #   Date        9800 non-null   int64
 #   Day_Type    9800 non-null   int64
 #   Weather     9800 non-null   int64
 #   Traffic     9800 non-null   int64
 #   Distance    9800 non-null   int64
 #   Fuel_Type   9800 non-null   int64
 #   Fare        9800 non-null   int64
 #   Tip         9800 non-null   int64
 #   Duration    9800 non-null   int64
 #   Rating      9800 non-null   int64
 #   Pickup_Time 9800 non-null   int64
 #   Lat         9800 non-null   int64
 #   Long        9800 non-null   int64
 #   Pickup_Date 9800 non-null   int64
 #   Lat.1       9800 non-null   int64
 #   Long.1      9800 non-null   int64
 #   Pickup_Date.1 9800 non-null int64
dtype: int64
```

```
df.rename(columns={'Unnamed: 0': 'Trip_Number'},
df.drop(columns=['Lat.1', 'Long.1'],
df.head()
```

	Trip_Number	Trip_ID	Driver_ID	Vehicle_ID	City	Date	Day_Type	Weather	Traffic	Distance	Fuel_Type	Fare	Tip	Duration	Rating	Pickup_Time	Lat	Long	Pickup_Date	Pickup_Date.1
0	1422	1422	1000	1000	1	20	0810	Rain	1	Prius	Gas	2014	0x0000	1763	0000	2017-01-01 00:00:00	0	0	0	0
1	2242	2242	1000	1000	1	20	0815	Rain	1	Prius	Gas	2014	0x0000	1763	0000	2017-01-01 00:00:00	0	0	0	0
2	1000	1000	1000	1000	1	20	0815	Rain	1	Prius	Gas	2014	0x0000	1763	0000	2017-01-01 00:00:00	0	0	0	0
3	1000	1000	1000	1000	1	20	0815	Rain	1	Prius	Gas	2014	0x0000	1763	0000	2017-01-01 00:00:00	0	0	0	0
4	1000	1000	1000	1000	1	20	0815	Rain	1	Prius	Gas	2014	0x0000	1763	0000	2017-01-01 00:00:00	0	0	0	0

```
df.dtypes.value_counts
```

```
Trip_Number    int64
Trip_ID        int64
Driver_ID      int64
Vehicle_ID     int64
City           int64
Date           int64
Day_Type       int64
Weather        int64
Traffic        int64
Distance       int64
Fuel_Type      int64
Fare           int64
Tip            int64
Duration       int64
Rating         int64
Pickup_Time    int64
Lat            int64
Long           int64
Pickup_Date    int64
Lat.1          int64
Long.1         int64
Pickup_Date.1  int64
dtype: int64
```

```
df.to_csv("./data/cleaned.csv")
```

```
CPU times: user 0 ns, sys: 0 ns, total: 0 ns
Wall time: 0 ns
```