

```
1 # === PortlanCrime.ipynb ===
2
3 # Import Dependencies
4 import pandas as pd
5
6
7 # Reference the file where the CSV is located
8 crime_csv_path = "Resources/crime_incident_data2017.csv"
9
10 # Import the data into a Pandas DataFrame
11 crime_df = pd.read_csv(crime_csv_path)
12 crime_df.head()
13
14
15 # look for missing values
16 crime_df.count()
17
18
19 # drop null rows
20 no_null_crime_df = crime_df.dropna(how='any')
21
22
23 # verify counts
24 no_null_crime_df.count()
25
26
27 # Check to see if there are any values with misspelled
28 # or similar values in "Offense Type"
29 no_null_crime_df["Offense Type"].value_counts()
30
31
32 # Combining similar offenses together
33 no_null_crime_df["Offense Type"] = no_null_crime_df["Offense Type"].replace(
34     {"Commercial Sex Acts": "Prostitution", "Assisting or \
35     Promoting Prostitution": "Prostitution"})
36
37 no_null_crime_df
38
39
40 # Create a new DataFrame that looks into a specific neighborhood
41 vernon_crime_df =
42     no_null_crime_df.loc[no_null_crime_df["Neighborhood"] == "Vernon"]
43
44 vernon_crime_df
```