Step 1: Import Required Libraries

```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
from sklearn.model_selection import train_test_split
from sklearn.metrics import mean_absolute_error, mean_squared_error
```

Step 2: Load the Dataset

```
df = pd.read_csv("electricity demand dataset.csv")
```

Step 3: Data Preprocessing

- df.isnull().sum()

Step 4: Exploratory Data Analysis (EDA)

- Analyze demand distribution
- Identify peak demand hours

```
sns.heatmap(df.corr(), annot=True)

plt.show()
```

Step 5: Feature Selection

- Separate independent and dependent variables

```
X = df.drop("Demand", axis=1)
y = df["Demand"]
```