

# SALES PREDICTION

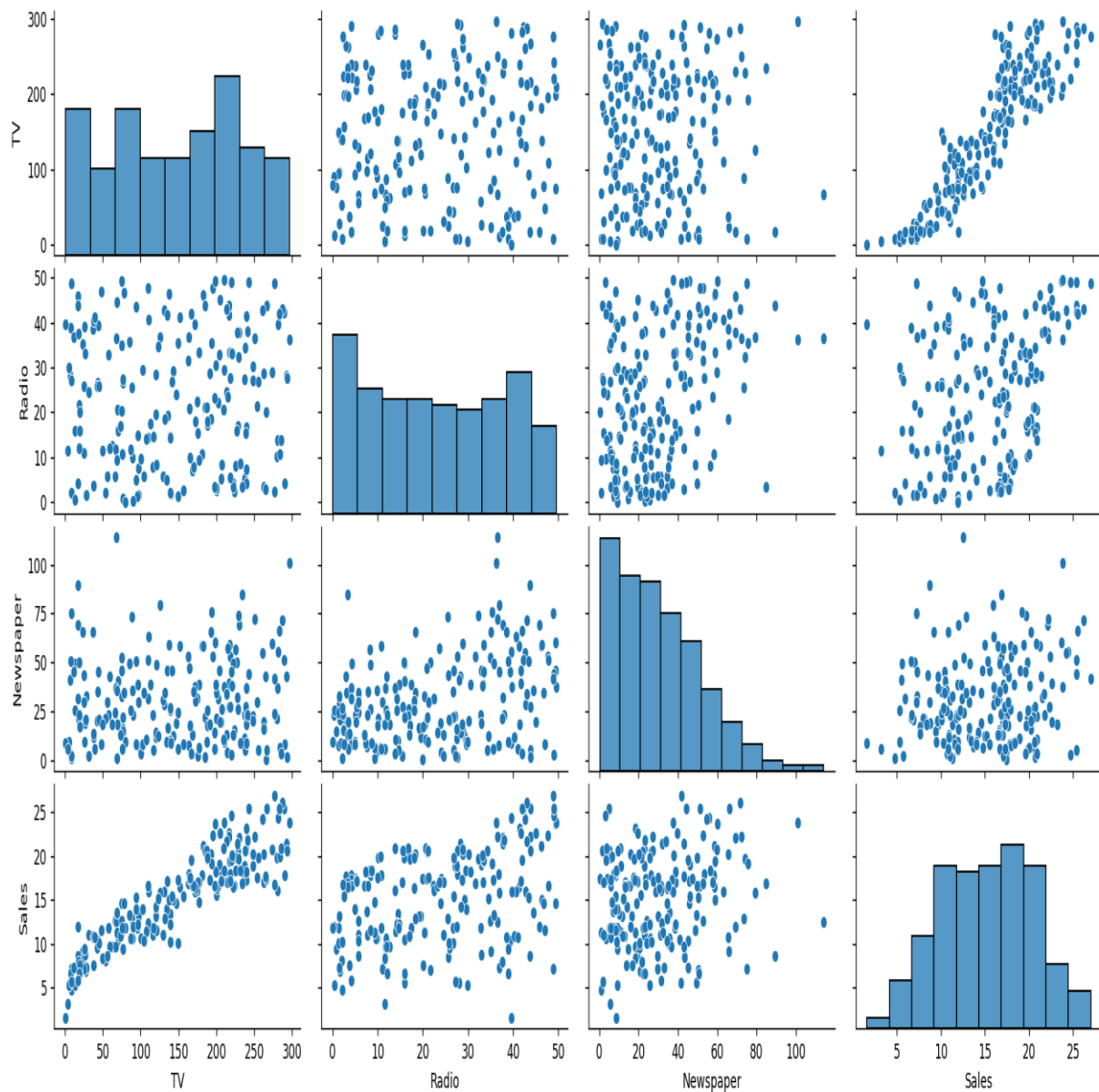
## OUTPUT

```
   TV  Radio  Newspaper  Sales
0  230.1   37.8       69.2   22.1
1   44.5   39.3       45.1   10.4
2   17.2   45.9       69.3   12.0
3  151.5   41.3       58.5   16.5
4  180.8   10.8       58.4   17.9
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 200 entries, 0 to 199
Data columns (total 4 columns):
 #   Column      Non-Null Count  Dtype
---  -
 0    TV          200 non-null    float64
 1   Radio        200 non-null    float64
 2  Newspaper    200 non-null    float64
 3   Sales        200 non-null    float64
dtypes: float64(4)
memory usage: 6.4 KB
None
Mean Absolute Error: 0.92
Mean Squared Error: 1.44
R-squared: 0.95
Enter the advertising spend for TV, Radio, and Newspaper (in units of your currency):
TV Advertising Spend: 200
Radio Advertising Spend: 100
Newspaper Advertising Spend: 50
```

**Predicted Sales: 22.97**

# SALES PREDICTION

## EXPLORATORY DATA ANALYSIS(EDA):



# SALES PREDICTION

## CORRELATION MATRIX

