




```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

```
df = pd.read_csv("/content/sales_prediction.csv")
df.head()
```



	Unnamed: 0	TV	Radio	Newspaper	Sales	
0	1	230.1	37.8	69.2	22.1	
1	2	44.5	39.3	45.1	10.4	
2	3	17.2	45.9	69.3	9.3	
3	4	151.5	41.3	58.5	18.5	
4	5	180.8	10.8	58.4	12.9	


Next steps:

[Generate code with df](#)

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```
df.shape
```



(200, 5)

```
df.describe()
```



	Unnamed: 0	TV	Radio	Newspaper	Sales	
count	200.000000	200.000000	200.000000	200.000000	200.000000	
mean	100.500000	147.042500	23.264000	30.554000	14.022500	
std	57.879185	85.854236	14.846809	21.778621	5.217457	
min	1.000000	0.700000	0.000000	0.300000	1.600000	
25%	50.750000	74.375000	9.975000	12.750000	10.375000	
50%	100.500000	149.750000	22.900000	25.750000	12.900000	
75%	150.250000	218.825000	36.525000	45.100000	17.400000	
max	200.000000	296.400000	49.600000	114.000000	27.000000	

```
sns.pairplot(df, x_vars=['TV', 'Radio', 'Newspaper'], y_vars='Sales', kind='scatter')
plt.show()
```

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