

```
In [1]: import seaborn as sns
import pandas as pd
```

```
In [3]: sales = pd.read_csv('sales.csv')
```

```
In [4]: sales.head()
```

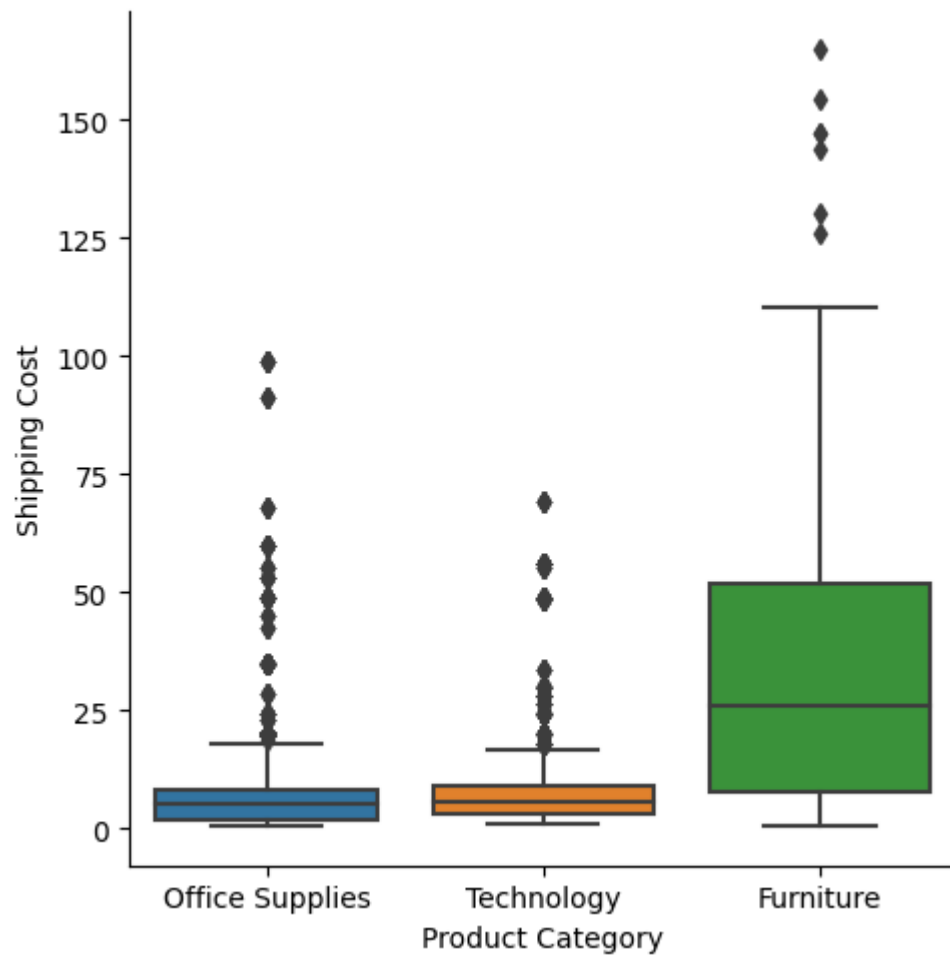
Out[4]:

	Row ID	Order ID	Order Date	Order Priority	Order Quantity	Sales	Discount	Ship Mode	Profit	Unit Price	...
0	1	3	10/13/2010	Low	6	261.5400	0.04	Regular Air	-213.25	38.94	...
1	49	293	10/1/2012	High	49	10123.0200	0.07	Delivery Truck	457.81	208.16	...
2	50	293	10/1/2012	High	27	244.5700	0.01	Regular Air	46.71	8.69	...
3	80	483	7/10/2011	High	30	4965.7595	0.08	Regular Air	1198.97	195.99	...
4	85	515	8/28/2010	Not Specified	19	394.2700	0.08	Regular Air	30.94	21.78	...

5 rows × 21 columns

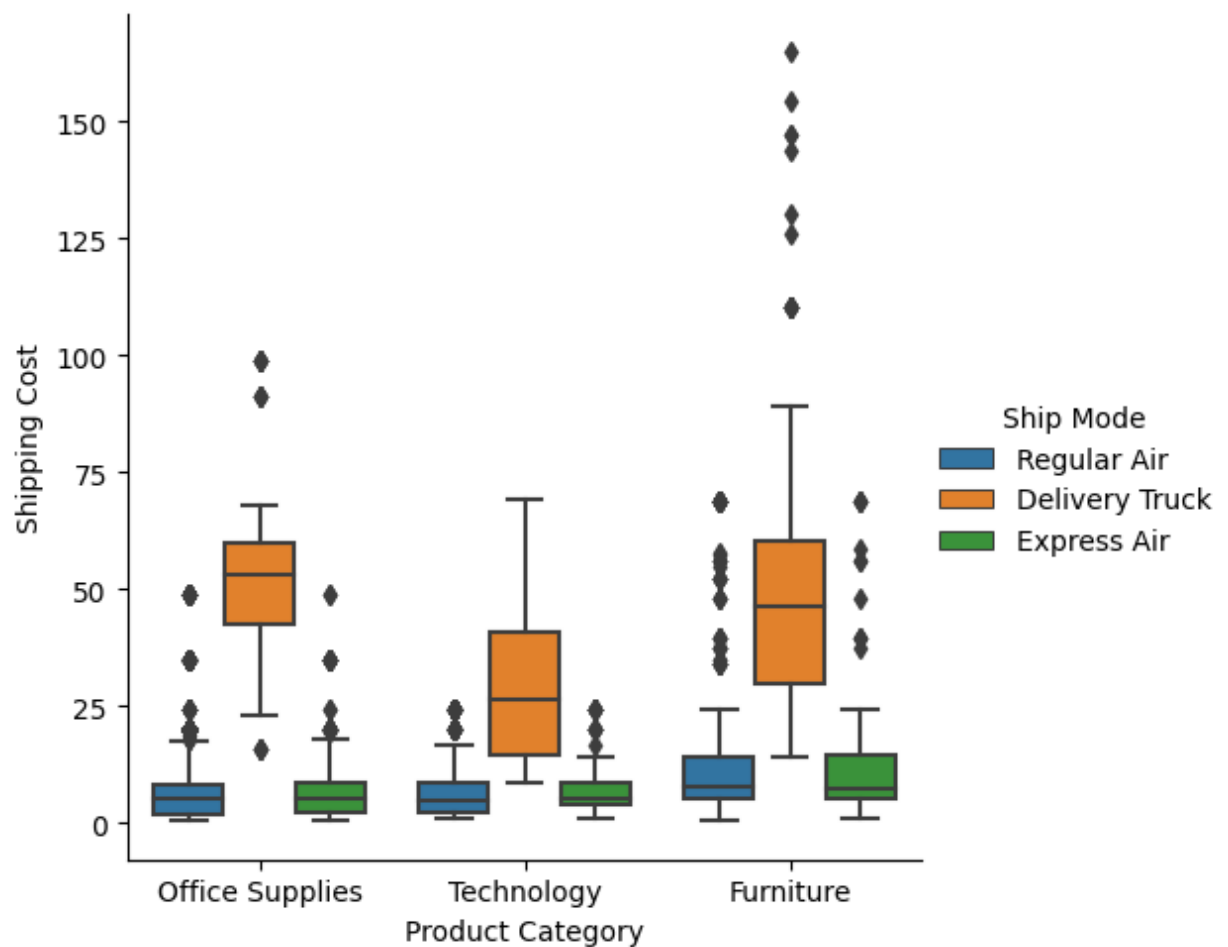
```
In [5]: sns.catplot(x='Product Category',y='Shipping Cost', data=sales,kind='box')
```

```
Out[5]: <seaborn.axisgrid.FacetGrid at 0x2088769f730>
```

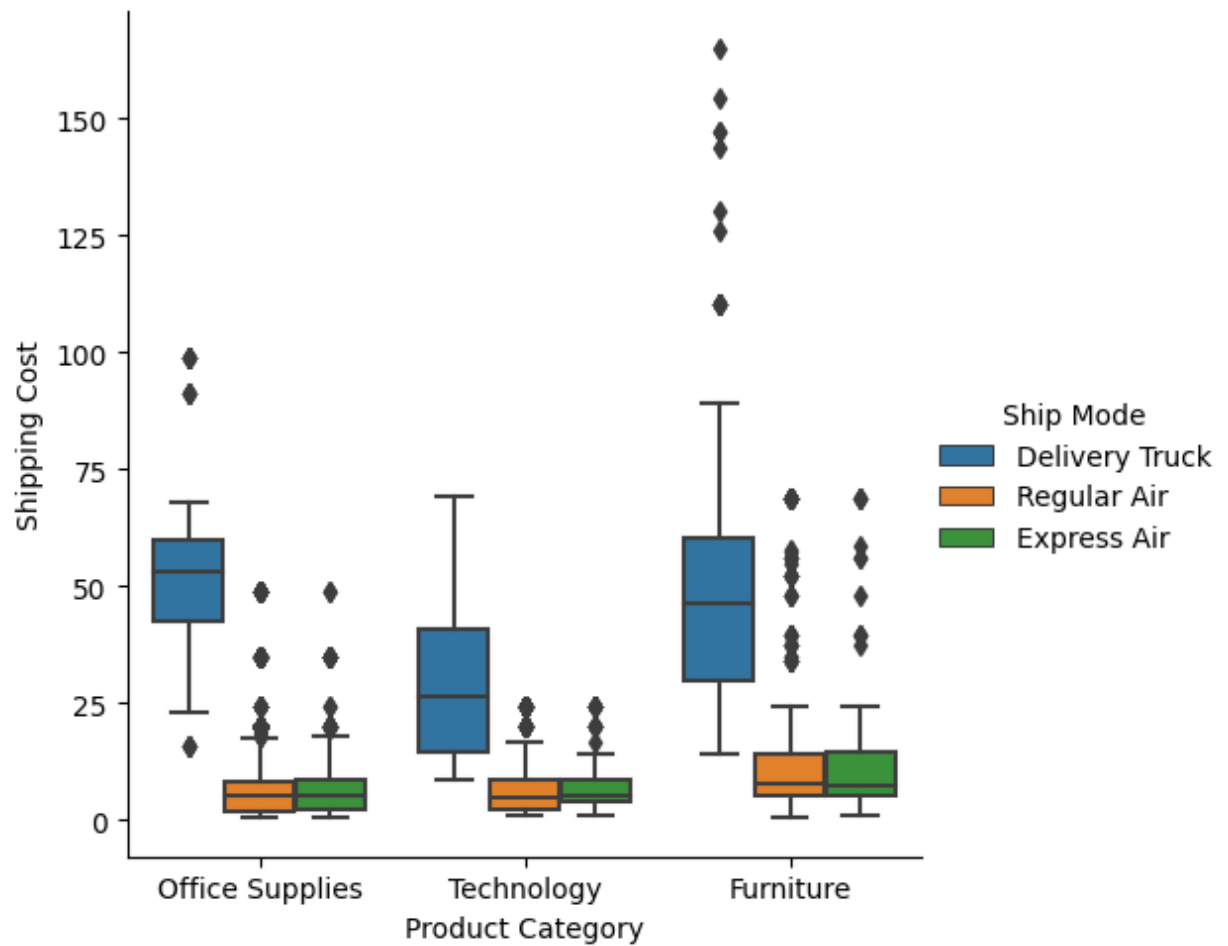


```
In [7]: sns.catplot(x='Product Category',y='Shipping Cost',hue='Ship Mode', data=sales,kind='box')
```

```
Out[7]: <seaborn.axisgrid.FacetGrid at 0x208864f9d20>
```



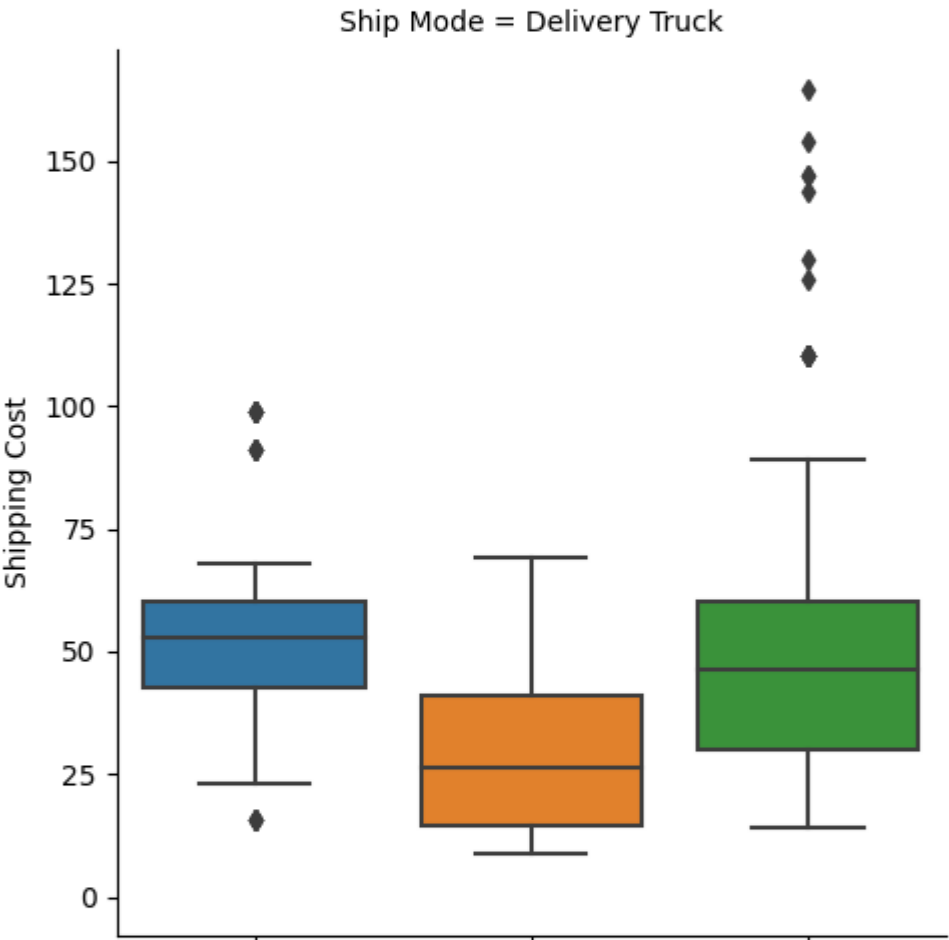
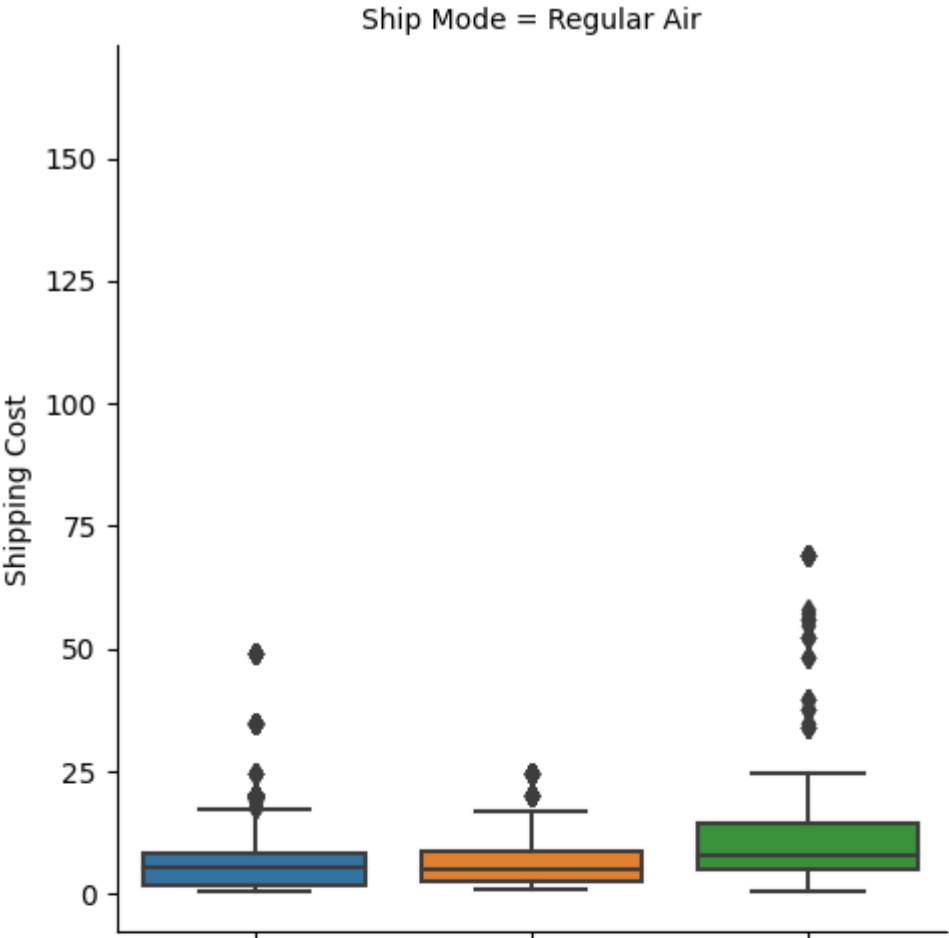
```
In [9]: sns.catplot(x='Product Category',y='Shipping Cost',hue='Ship Mode',hue_order=["Delivery Truck","Regular Air","Express Air"])
Out[9]: <seaborn.axisgrid.FacetGrid at 0x2088aa36bc0>
```



```
In [10]: #Classifying by row
```

```
In [11]: sns.catplot(x='Product Category',y='Shipping Cost',row='Ship Mode', data=sales,kind='box')
```

```
Out[11]: <seaborn.axisgrid.FacetGrid at 0x2088649a380>
```

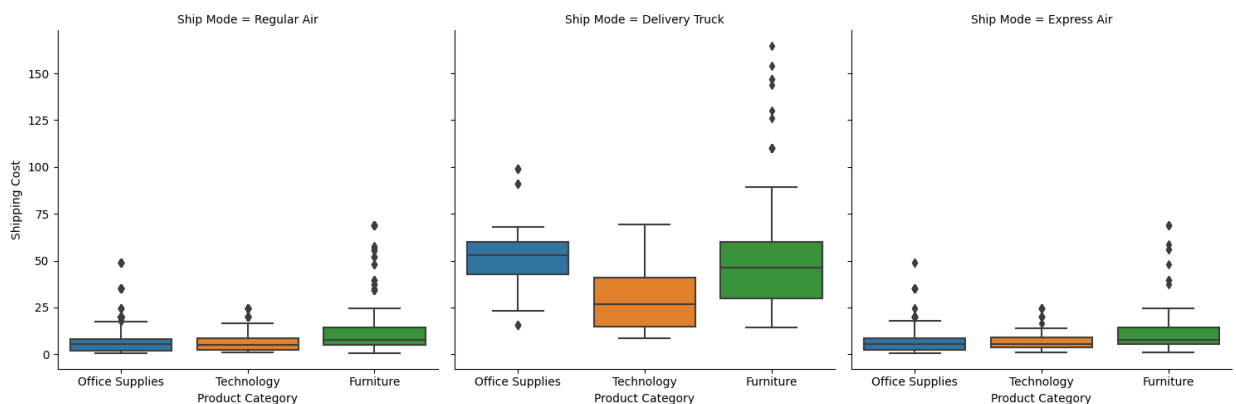


Ship Mode = Express Air

In [12]: *#Required in one single row*

In [13]: `sns.catplot(x='Product Category',y='Shipping Cost',col='Ship Mode', data=sales,kind='box')`

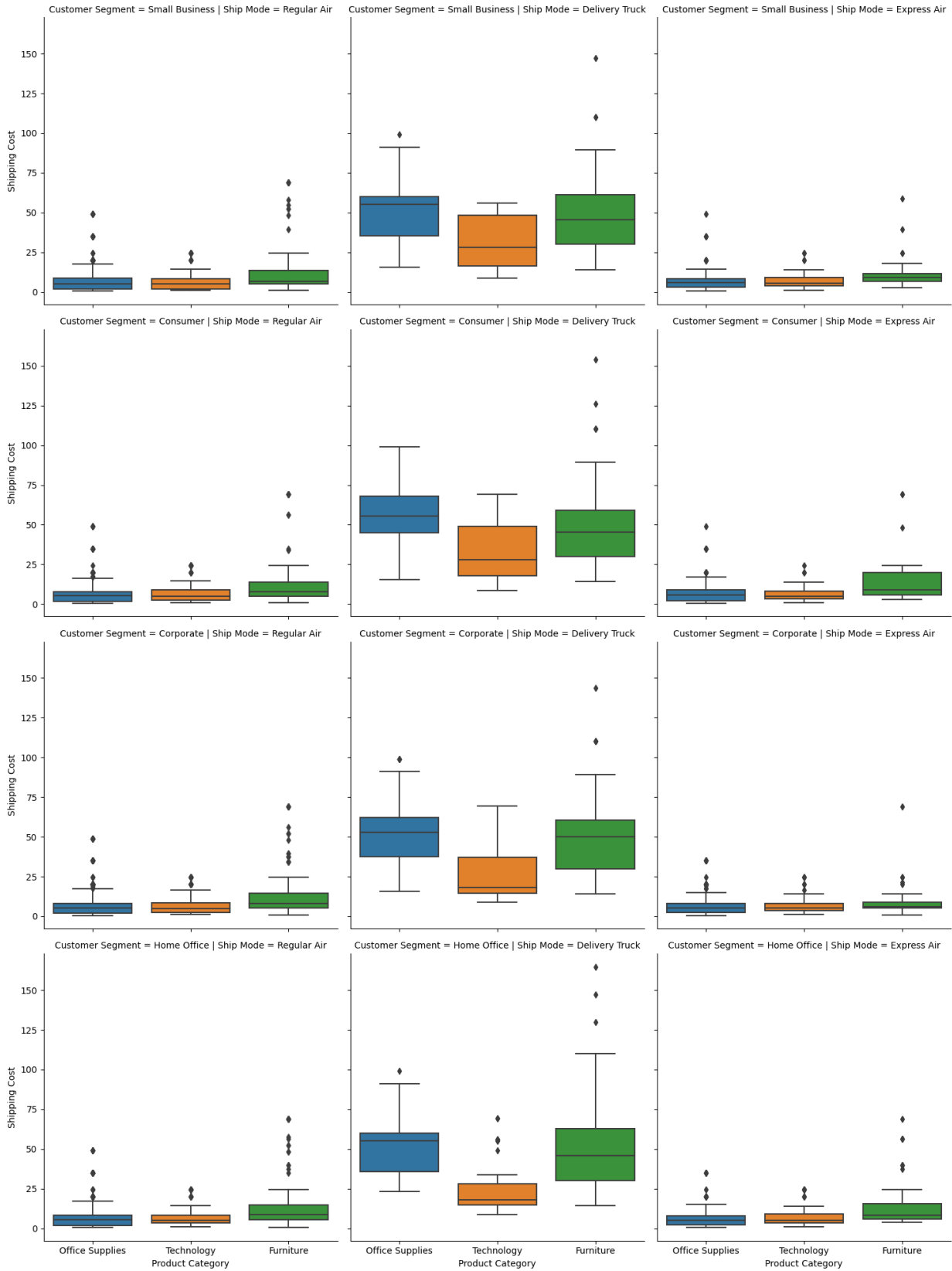
Out[13]: `<seaborn.axisgrid.FacetGrid at 0x2088a898280>`



In [15]: `sns.catplot(x='Product Category',y='Shipping Cost',col='Ship Mode',row='Customer Segment')`

Out[15]: `<seaborn.axisgrid.FacetGrid at 0x2088a899690>`

Box plot chart



In []: