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In [7]: import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
```

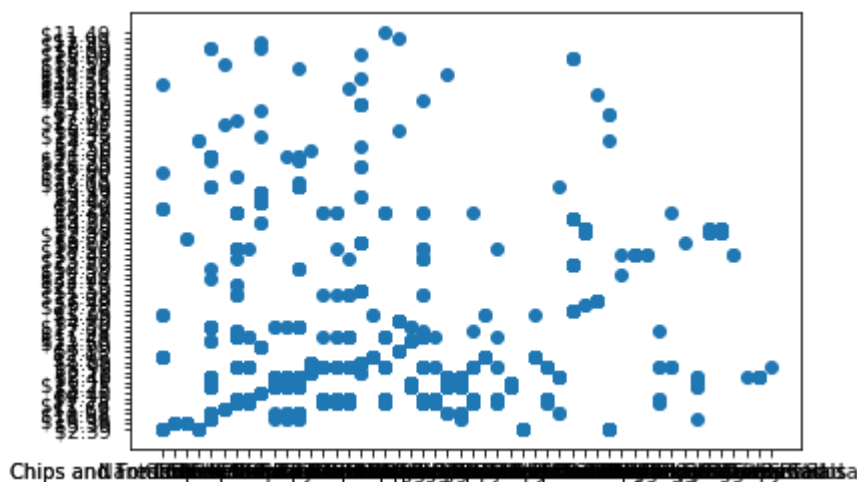
```
In [8]: mac270=pd.read_csv("Mac280.csv") # use similar code to show code for class ad is
```

```
In [9]: mac270.head(5)
```

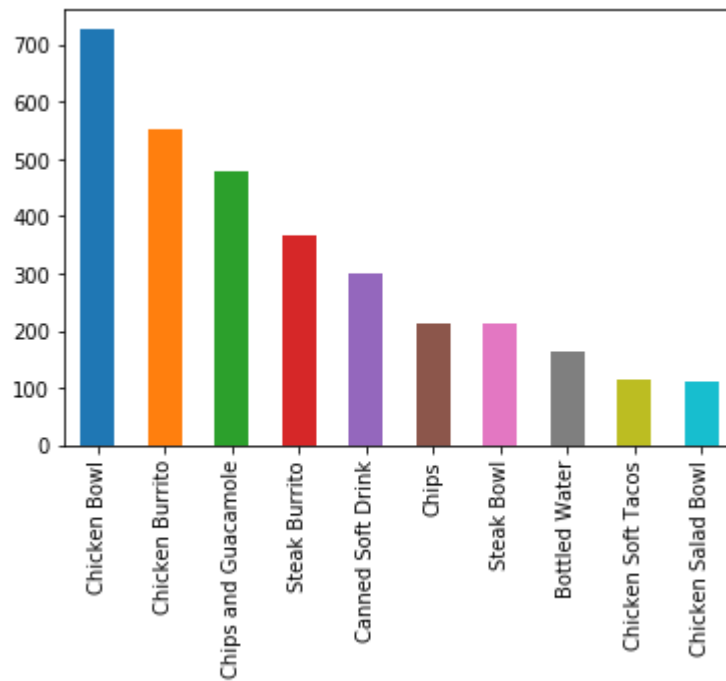
Out[9]:

	order_id	quantity	item_name	choice_description	item_price
0	1	1	Chips and Fresh Tomato Salsa	NaN	\$2.39
1	1	1	Izze	[Clementine]	\$3.39
2	1	1	Nantucket Nectar	[Apple]	\$3.39
3	1	1	Chips and Tomatillo-Green Chili Salsa	NaN	\$2.39
4	2	2	Chicken Bowl	[Tomatillo-Red Chili Salsa (Hot), [Black Beans...	\$16.98

```
In [10]: #creating scatter plot
plt.scatter(mac270['item_name'], mac270['item_price'])
plt.show()
```



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In [11]: items=mac270.item_name.value_counts()[:10].plot(kind='bar')
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In [ ]:
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