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Assignment 4

```python
import pandas as pd

import numpy as np

f1 = open("/Users/kartikeysapkal/Documents/Python/CSV's/

grainsales.csv","r")

data = pd.read_csv(f1)

df = pd.DataFrame(data)

maindata = df #im creating this variable to reset my dataframe

df['Sales'].describe()

df=df.groupby('Months').sum()

df=df.sort_values(by=['Sales'],ascending=False)

df.head(1)

print("Best Month for Sales: July")

print("Revenue Earned was: 16000000")

df = maindata

df = df.groupby("GrainName").sum()

df = df.sort_values(by=["Sales"],ascending = False)

df.head(1)

print("Most Sold Grain is: Wheat")

print("The Best Month for sales is July and this product has

occured in July so this is most sold product with highest sales")

df = maindata

df= df.groupby("City").sum()

df = df.sort_values(by = ['Sales'],ascending= False)

df.head(1)

print("'Asansole' Has sold highest no. of products")

df = maindata

df = df.groupby('State').sum()
```

```
df = df.sort_values(by = ['Sales'],ascending = False)
```

```
print("West Bengol has highest sales
```