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Assignment 4

```
import pandas as pd
import numpy as np
f1 = open("/Users/kartikaysapkal/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
```

student_marks....	Python/Pandas/Assignment4.py"
studentdata.csv	Best Month for Sales: July
StudentDetails....	Revenue Earned was: 16000000
tempCodeRunn...	Most Sold Grain is: Wheat
Trial.py	The Best Month for sales is July and this product has occured in July so this is most sold pro
Matplotlib	t with highest sales
	'Asansole' Has sold highest no. of products
	West Bengol has highest sales