

Assignment 1

Sales in the week

```
import pandas as pd
data=pd.read_csv("/Users/karthikreddy/Desktop/supermarket_sales - Sheet1.csv")
```

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```
data.head()
```

	In v o i c e ID	Br a n c h	Ci ty	C u s t o m e r t y p e	G e n d e r	Pr o d u c t l i n e	U n i t p r i c e	Q u a n t i t y	Ta x 5 %	T o t a l	D a t e	Ti m e	P a y m e n t	c o g s	gr o s s m a r g i n p e r c e n t a g e	gr o s s i n c o m e	R a t i n g
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0	7 5 0- 6 7- 8 4 2 8	A	Ya n g o n	M e m b e r	Fe m a l e	H e a l t h a n d b e a u t y	74 .6 9	7	2 6. 14 15	5 4 8. 9 71 5	1/ 5/ 2 01 9	13 :0 8	E w a l l e t	5 2 2. 8 3	4. 7 61 9 0 5	2 6. 14 15	9. 1
1	2 2 6- 31 -3 0 81	C	N a y p y i t a w	N o r m a l	Fe m a l e	El e c t r o n i c a c c e s s o r i e s	15 .2 8	5	3. 8 2 0 0	8 0. 2 2 0 0	3/ 8/ 2 01 9	10 :2 9	C a s h	76 .4 0	4. 7 61 9 0 5	3. 8 2 0 0	9. 6
2	6 31 -4 1- 31 0 8	A	Ya n g o n	N o r m a l	M a l e	H o m e a n d l i f e s t y l e	4 6. 3 3	7	16 .2 15 5	3 4 0. 5 2 5 5	3/ 3/ 2 01 9	13 :2 3	Cr e d i t c a r d	3 2 4. 31	4. 7 61 9 0 5	16 .2 15 5	7. 4

3	12 3- 19 -1 17 6	A	Ya n g o n	M e m b e r	M a l e	H e a l t h a n d b e a u t y	5 8. 2 2	8	2 3. 2 8 8 0	4 8 9. 0 4 8 0	1/ 27 / 2 01 9	2 0: 3 3	E w a l l e t	4 6 5. 7 6	4. 7 61 9 0 5	2 3. 2 8 8 0	8. 4
4	3 7 3- 7 3- 7 91 0	A	Ya n g o n	N o r m a l	M a l e	S p o r t s a n d t r a v e l	8 6. 31	7	3 0. 2 8 5	6 3 4. 3 7 8 5	2/ 8/ 2 01 9	10 :3 7	E w a l l e t	6 0 4. 17	4. 7 61 9 0 5	3 0. 2 8 5	5. 3

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```
data2=data[['Product line','Total']]
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```
data2.head()
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	Product line	Total
0	Health and beauty	548.9715
1	Electronic accessories	80.2200
2	Home and lifestyle	340.5255
3	Health and beauty	489.0480
4	Sports and travel	634.3785

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```
sum=0
for i in data2.index:
    if data2['Product line'][i]=="Health and beauty":
        sum=sum+data2["Total"][i]
print(sum)
```

49193.7390000000016

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