

File Edit View Navigate Code Refactor Run Tools VCS Window Help hw8 [E:\sem 2\web min\assignments\hw8 - hw8.py]

hw8 hw8.py

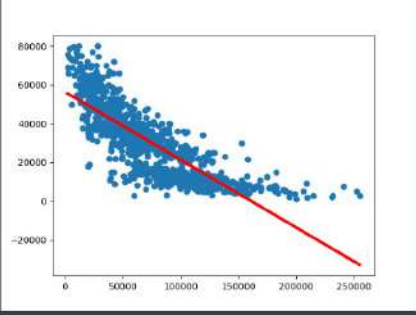
Project

- hw8 E:\sem 2\web min\assignments\hw8
 - hw8.py
 - susedcars.csv
 - External Libraries
 - Scratches and Consoles

```
1 import pandas as pd
2 import matplotlib.pyplot as plt
3 from sklearn import datasets, linear_model
4 from scipy import stats
5 df=pd.read_csv('susedcars.csv')
6 x=df['mileage']
7 y=df['price']
8 slope, intercept, r, p, std_err = stats.linregress(x,y)
9 def lineFunc(x):
10     return slope * x + intercept
11 lineY = list(map(lineFunc, x))
12 plt.scatter(x,y)
13 plt.plot(x,lineY,color='red',linewidth=3)
14 plt.show()
15
```

SciView: Data Plots

640x480 PNG (24-bit color) 23.5 kB



Run: hw8

C:\Users\bittu\anaconda3\python.exe "E:\sem 2\web min\assignments\hw8\hw8.py"

Process finished with exit code 0

Version Control Run TODO Problems Terminal Python Packages Python Console

Python 3.8 has been configured as a project interpreter // Configure a Python interpreter... (3 minutes ago)

4/24 CRLF UTF-8 2 spaces Python 3.8

7:50 PM 4/12/2022