

```

12 dataset=pd.read_csv(path+"headbrain.csv")
13 #print(dataset.head())
14 x=dataset['Head Size(cm^3)'].values
15 y=dataset['Brain Weight(grams)'].values
16 mean_x=np.mean(x)
17 mean_y=np.mean(y)
18 numer=0
19 denom=0
20 for i in range(len(x)):
21     numer +=(x[i]-mean_x)*(y[i]-mean_y)
22     denom +=(x[i]-mean_x)**2
23 m=numer/denom
24 c=mean_y-(m*mean_x)
25 max_x=np.max(x)+100
26 min_x=np.min(x)-100
27 x1=np.linspace(min_x,max_x,100)

```

Python 3.10.4 | packaged by Anaconda, Inc. | (main, Jan 10 2024, 13:11:05) [AMD64] on win32

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Python 3.10.4 -- an enhanced interactive Python.

`>>> (1)`

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