

Code:

```
import pandas as p

from sklearn import linear_model

import matplotlib.pyplot as mpl

data=p.read_csv(r'C:\Users\Pranav\Desktop\MLA\Practical 1/melb_data.csv')

data=data

print(data)


regr=linear_model.LinearRegression()


x=data['Price']

y=data['Distance']


x=x.values.reshape(len(x),1)

y=y.values.reshape(len(y),1)


regr.fit(x,y)


mpl.scatter(x,y)

mpl.plot(x,regr.predict(x),color ='black')
```

Output:

