In [16]:

```
from sklearn.linear_model import ElasticNet
regr=ElasticNet()
regr.fit(x,y)
print(regr.coef_)
print(regr.intercept_)
```

```
[0.00417976 0.        ]
2.0263839193110043
```

In [17]:

```
y_pred_elastic=regr.predict(x_train)
```

In [18]:

```
mean_squared_error=np.mean((y_pred_elastic-y_train)**2)
print("mean squared error on test set",mean_squared_error)
```

```
mean squared error on test set 0.03628705093551366
```

In [ ]:

```

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In [ ]:

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