In [16]:

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

```
[ 1.60035419e-05 -0.00000000e+00]
9.013884247807239
```

In [17]:

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

In [18]:

```python
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 0.0650004817736062
```

In [ ]: