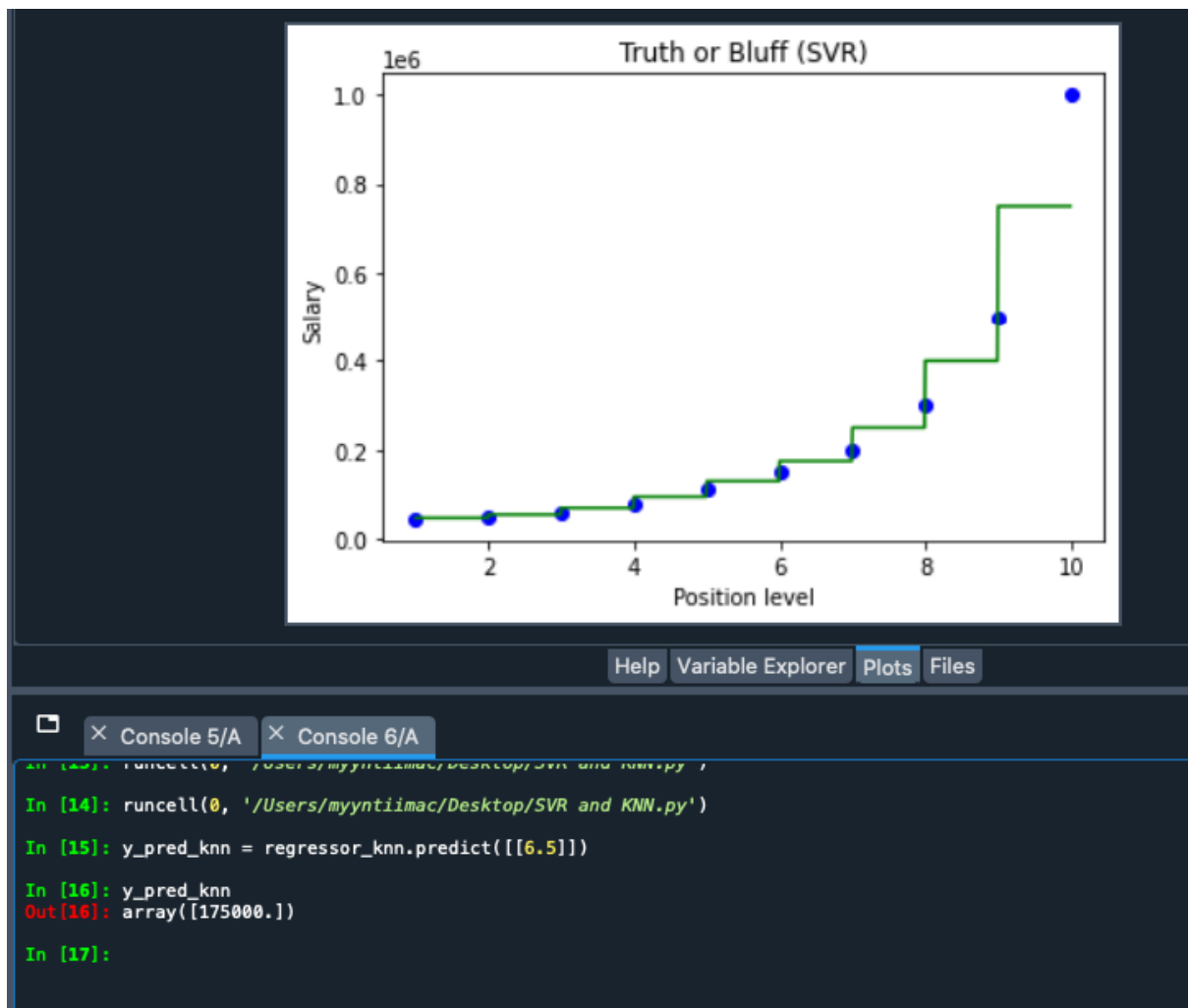


Hyper parameter tuning of KNN

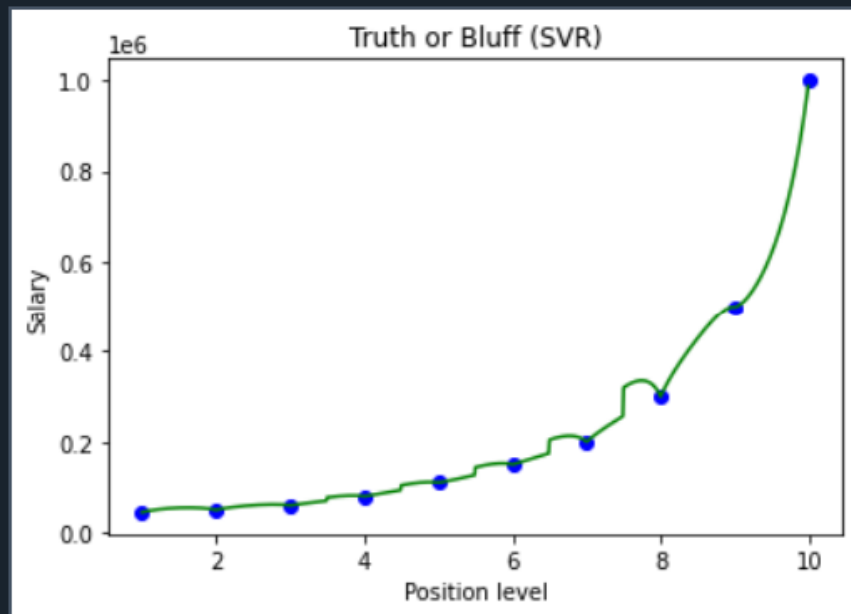
Default



`n_neighbors=2, weights='uniform', algorithm='kd_tree', p=1`



`n_neighbors=5, weights='distance', algorithm='kd_tree',`



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× Console 5/A

× Console 6/A

```
In [21]: runcell(0, '/Users/myyntiimac/Desktop/SVR and KNN.py')
```

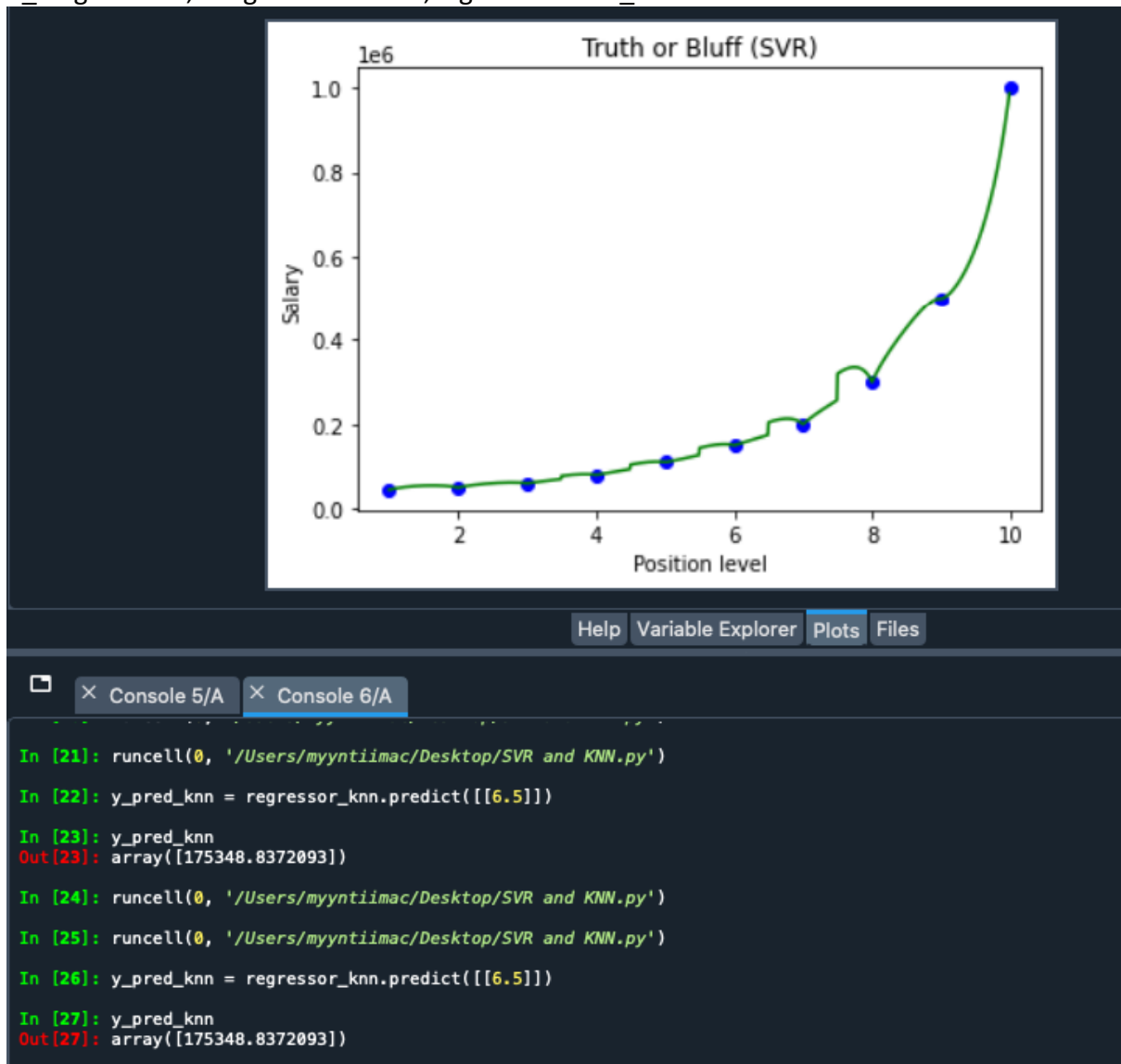
```
In [22]: y_pred_knn = regressor_knn.predict([[6.5]])
```

```
In [23]: y_pred_knn
```

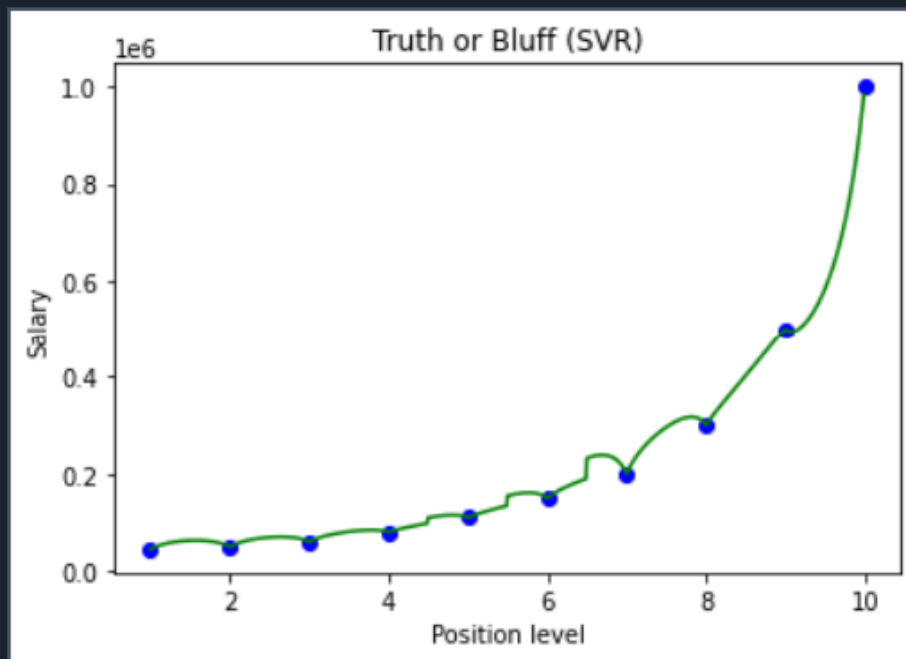
```
Out[23]: array([175348.8372093])
```

```
In [24]:
```

n_neighbors=5, weights='distance', algorithm='ball_tree



n_neighbors=7, weights='distance', algorithm='brute



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× Console 5/A

× Console 6/A

```
In [37]: y_pred_knn = regressor_knn.predict([[6.5]])
```

```
In [38]: y_pred_knn
```

```
Out[38]: array([232284.86646884])
```

```
In [39]:
```