

Python - Google Drive

support_vector_regression.ipynb

data_preprocessing_template.ipynb

data_preprocessing_tools.ipynb

polynomial_regression.ipynb

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Files

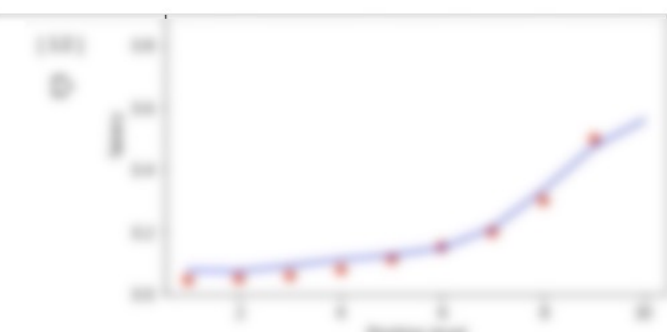
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sample_data

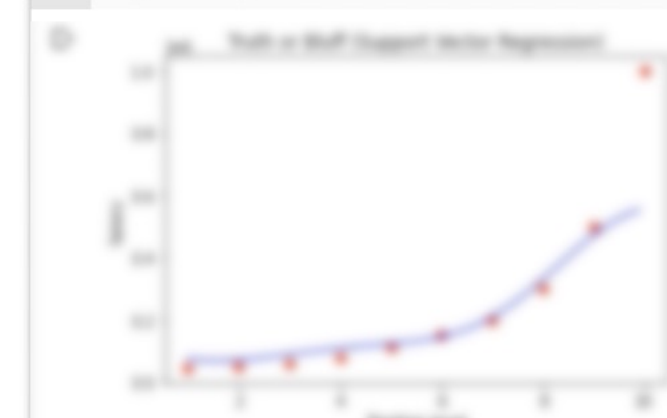
Position_Salaries.csv

+ Code + Text



Visualising the SVR results (for higher resolution and smoother curve)

```
1 X_grid = np.arange(min(sc_X.inverse_transform(X)), max(sc_X.inverse_transform(X)), 0.1)
2 X_grid = X_grid.reshape((len(X_grid), 1))
3 plt.scatter(sc_X.inverse_transform(X), sc_y.inverse_transform(y), color = 'red')
4 plt.plot(X_grid, sc_y.inverse_transform(regressor.predict(sc_X.transform(X_grid))), color = 'blue')
5 plt.title('Truth or Bluff (Support Vector Regression)')
6 plt.xlabel('Position level')
7 plt.ylabel('Salary')
8 plt.show()
```



Position_Salaries.csv

1 to 10 of 10 entries Filter

Position	Level	Salary
Business Analyst	1	45000
Junior Consultant	2	50000
Senior Consultant	3	60000
Manager	4	80000
Country Manager	5	110000
Region Manager	6	150000
Partner	7	200000
Senior Partner	8	300000
C-level	9	500000
CEO	10	1000000

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