# Machine Learning Notes (Python)

Kaggle

1. <https://www.kaggle.com/c/kobe-bryant-shot-selection/scripts?language=Python&scriptListFilterState%255Blanguage%255D=Python>
2. <https://www.kaggle.com/scripts>
3. <http://www.analyticsvidhya.com/blog/2016/03/complete-solution-top-11-telstra-network-disruptions-kaggle-competition/>
4. <https://github.com/agconti/kaggle-titanic/blob/master/Titanic.ipynb>
5. <http://brettromero.com/wordpress/data-science-a-kaggle-walkthrough-understanding-the-data/>
6. <https://campus.datacamp.com/courses/kaggle-python-tutorial-on-machine-learning/getting-started-with-python?ex=3>
7. <http://www.analyticsvidhya.com/blog/2015/06/start-journey-kaggle/>
8. <https://datanice.wordpress.com/2016/04/10/step-by-step-kaggle-competition-tutorial/>
9. <http://www.kdnuggets.com/2015/06/ensembles-kaggle-data-science-competition-p1.html>
10. <http://analyticscosm.com/learning-predictive-analytics-kaggle-competition-solutions/>

Tutorials

1. <http://www.analyticsvidhya.com/blog/category/python-2/page/8/>
2. <https://github.com/ipython/ipython/wiki/A-gallery-of-interesting-IPython-Notebooks>
3. <http://uk.mathworks.com/academia/student_center/tutorials/mltutorial_launchpad.html?s_tid=ac_ml_tut_til>

Supervised

1. Tree-Based Modelling: <http://www.analyticsvidhya.com/blog/2016/04/complete-tutorial-tree-based-modeling-scratch-in-python/>
2. <http://www.analyticsvidhya.com/blog/2016/02/step-step-guide-building-sentiment-analysis-model-graphlab/>
3. <http://www.analyticsvidhya.com/blog/2016/02/time-series-forecasting-codes-python/>
4. <http://www.analyticsvidhya.com/blog/2016/01/complete-tutorial-ridge-lasso-regression-python/>

Unsupervised

1. <http://www.analyticsvidhya.com/blog/2016/03/practical-guide-principal-component-analysis-python/>
2. Recommendation System : <http://www.analyticsvidhya.com/blog/2016/06/quick-guide-build-recommendation-engine-python/>
3. <http://www.analyticsvidhya.com/blog/2016/03/complete-guide-parameter-tuning-xgboost-with-codes-python/>

Big Data (AWS) : <http://www.analyticsvidhya.com/blog/2016/05/complete-tutorial-work-big-data-amazon-web-services-aws/>

Neural Networks :

1. <http://www.analyticsvidhya.com/blog/2016/04/neural-networks-python-theano/>
2. <http://www.analyticsvidhya.com/blog/2016/04/deep-learning-computer-vision-introduction-convolution-neural-networks/>

Articles:

1. <http://www.analyticsvidhya.com/blog/2016/02/7-important-model-evaluation-error-metrics/>
2. <http://www.analyticsvidhya.com/blog/2016/01/python-tutorial-list-comprehension-examples/>
3. <http://www.analyticsvidhya.com/blog/2015/11/easy-methods-deal-categorical-variables-predictive-modeling/>
4. <http://machinelearningmastery.com/self-study-machine-learning-projects/>

Books:

1. <http://www.analyticsvidhya.com/blog/2016/02/free-read-books-statistics-mathematics-data-science/>