

K-nearest neighbors (classification)

<https://www.kaggle.com/ashar7/iris-classification-using-knns>

<https://www.datacamp.com/community/tutorials/k-nearest-neighbor-classification-scikit-learn>

<https://towardsdatascience.com/knn-using-scikit-learn-c6bed765be75>

<https://github.com/Msanjayds/Scikit-learn/blob/master/KNN%20on%20Iris%20Dataset.ipynb>

https://www.bogotobogo.com/python/scikit-learn/scikit_machine_learning_k-NN_k-nearest-neighbors_algorithm.php

<http://mlpy.sourceforge.net/docs/3.3/tutorial.html>

<https://spin.atomicobject.com/2013/05/06/k-nearest-neighbor-racket/>

Logistic Regression (classification)

<https://towardsdatascience.com/building-a-logistic-regression-in-python-step-by-step-becd4d56c9c8>

<https://www.kaggle.com/leemun1/predicting-breast-cancer-logistic-regression>

<https://towardsdatascience.com/logistic-regression-a-simplified-approach-using-python-c4bc81a87c31>

Naive Bayes (classification)

<https://www.datacamp.com/community/tutorials/naive-bayes-scikit-learn>

Multiple Linear Regression

<https://www.kaggle.com/srisudheera/backward-elimination>

<https://www.kaggle.com/akshayjhamb2/multiple-linear-regression-backward-elimination>

<https://www.kaggle.com/pincher/multivariate-regressing-using-numpy>

<https://www.kaggle.com/hitesh19/multi-linear-regression-with-backward-elimination>

<https://stackoverflow.com/questions/38058774/scikit-learn-how-to-scale-back-the-y-predicted-result>
(inverse)

<https://towardsdatascience.com/linear-regression-using-python-ce21aa90ade6>

<https://hackernoon.com/using-a-multivariable-linear-regression-model-to-predict-the-sprint-speed-of-players-in-fifa-19-530618986e1c> (real life prediction)

<https://datatofish.com/multiple-linear-regression-python/> (real life prediction, mlr equation)

K-Means (Clustering)

<https://www.kaggle.com/bburns/iris-exploration-pca-k-means-and-gmm-clustering>

<https://www.kaggle.com/uciml/iris/kernels>

<https://www.datacamp.com/community/tutorials/k-means-clustering-python>

elbow methods: <https://towardsdatascience.com/unsupervised-machine-learning-clustering-analysis-d40f2b34ae7e>

<https://towardsdatascience.com/k-means-clustering-algorithm-applications-evaluation-methods-and-drawbacks-aa03e644b48a>

<https://medium.com/@kasumisanchika/k-means-clustering-for-old-faithful-geyser-eruptions-analysis-74f3df8979b1>

Simple Linear Regression (Regression)

<https://towardsdatascience.com/a-beginners-guide-to-linear-regression-in-python-with-scikit-learn-83a8f7ae2b4f>

Perceptron (Classification)

<https://hackernoon.com/implementing-the-perceptron-algorithm-from-scratch-in-python-48be2d07b1c0>

<https://medium.com/@narengowda/perceptron-in-python-476b974ec4c6>

https://chrisalbon.com/machine_learning/basics/perceptron_in_scikit-learn/

https://www.youtube.com/watch?v=oLane_Vh3CU

PCA (Dimensionality Reduction)

<https://www.kaggle.com/piyusht54/emotion-recognition-using-speech-signals>

<https://towardsdatascience.com/pca-using-python-scikit-learn-e653f8989e60>

https://github.com/mGalarnyk/Python_Tutorials/blob/master/Sklearn/PCA/PCA_Data_Visualization_Iris_Dataset_Blog.ipynb

<https://www.datacamp.com/community/tutorials/principal-component-analysis-in-python>

<https://towardsdatascience.com/dive-into-pca-principal-component-analysis-with-python-43ded13ead21>

Polynomial Regression

<https://towardsdatascience.com/polynomial-regression-bbe8b9d97491>

<https://www.kaggle.com/akshayjhamb2/linear-and-polynomial-regression-on-wine-quality>

<https://muthu.co/simple-example-of-polynomial-regression-using-python/>

<https://www.ritchieng.com/machine-learning-polynomial-regression/>

<https://www.kaggle.com/svgglc/linear-regression-polynomial-regression>

<https://www.geeksforgeeks.org/python-implementation-of-polynomial-regression/> (temperature pressure)

Support Vector Machines

<https://www.geeksforgeeks.org/classifying-data-using-support-vector-machinessvm-in-python/>

<https://www.dataquest.io/blog/sci-kit-learn-tutorial/>

<https://www.kaggle.com/farhanmd29/svm-model-for-social-network-ads>

<https://www.kaggle.com/sivaram1987/svm-classification>

<https://towardsdatascience.com/support-vector-machines-svm-c9ef22815589>

<https://towardsdatascience.com/a-practical-guide-to-interpreting-and-visualising-support-vector-machines-97d2a5b0564e>

<https://www.datacamp.com/community/tutorials/svm-classification-scikit-learn-python>

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<https://machinelearningmastery.com/tutorial-first-neural-network-python-keras/>

<https://www.kaggle.com/uciml/pima-indians-diabetes-database/kernels?sortBy=relevance&group=everyone&search=ann&page=1&pageSize=20&datasetId=228>

<https://www.kaggle.com/uciml/red-wine-quality-cortez-et-al-2009/kernels?sortBy=relevance&group=everyone&search=neural&page=1&pageSize=20&datasetId=4458&turbolinks%5BrestorationIdentifier%5D=e51c09b6-16e3-4d0a-a308-7a3092b54d9c>

<https://www.springboard.com/blog/beginners-guide-neural-network-in-python-scikit-learn-0-18/>

<https://www.kaggle.com/brynja/wineuci/kernels>

Decision Trees

<https://www.datacamp.com/community/tutorials/decision-tree-classification-python>

<https://medium.com/@rnbrown/creating-and-visualizing-decision-trees-with-python-f8e8fa394176>

<https://www.kaggle.com/willkoehrsen/visualize-a-decision-tree-w-python-scikit-learn>