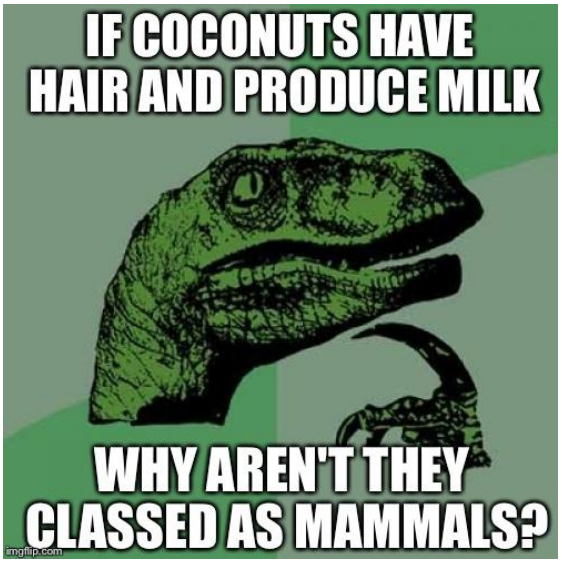

What is classification?

https://machinelearningmastery.com/types-of-classification-in-machine-learning/

Lecture 6.1 — Logistic Regression | Classification — — [Machine Learning | Andrew Ng]

Methods review

1. https://medium.com/datadriveninvestor/classification-algorithms-in-machine-learning-85c0ab65ff4
2. https://medium.com/@jorgesleonel/classification-methods-in-machine-learning-58ce63173db8
3. SVM: https://towardsdatascience.com/support-vector-machine-simply-explained-fee28eba5496
4. Logistic regression:
    - https://towardsdatascience.com/logistic-regression-detailed-overview-46c4da4303bc
    - https://ml-cheatsheet.readthedocs.io/en/latest/logistic_regression.html
    - regularized logreg: https://www.coursera.org/lecture/ml-classification/l2-regularized-logistic-regression-DBTNt
5. KNN: https://medium.com/@chiragsehra42/k-nearest-neighbors-explained-easily-c26706aa5c7f

Metrics

1. https://medium.com/thalus-ai/performance-metrics-for-classification-problems-in-machine-learning-part-i-b085d432082b
2. Curves and AUCs: https://machinelearningmastery.com/roc-curves-and-precision-recall-curves-for-imbalanced-classification/
3. Cross-entropy: https://towardsdatascience.com/understanding-binary-cross-entropy-log-loss-a-visual-explanation-a3ac6025181a
4. Multi-class case: https://www.coursera.org/lecture/python-machine-learning/multi-class-evaluation-1ugJR

Working with unbalanced data

1. Working with Unbalanced Dataset https://towardsdatascience.com/working-with-unbalanced-dataset-8405465630d7
2. Dealing with Imbalanced Data https://towardsdatascience.com/methods-for-dealing-with-imbalanced-data-5b761be45a18

Additional materials (*):

More interpretations of Logistic Regression:

https://medium.com/@premvardhankumar/a-deep-understanding-of-logistic-regression-with-geometric-probabilistic-and-loss-minimization-2ced042bdcc7