

# Linear and Logistic Regression

## Course for Machine Learning:

[https://www.youtube.com/playlist?list=PLLssT5z\\_DsK-h9vYZkQkYNWcItqhIRJLN](https://www.youtube.com/playlist?list=PLLssT5z_DsK-h9vYZkQkYNWcItqhIRJLN)

Note: Complete Lectures 1-4.7 and 6.1-6.7

## Linear regression

1. <https://towardsdatascience.com/linear-regression-detailed-view-ea73175f6e86>
2. [https://ml-cheatsheet.readthedocs.io/en/latest/linear\\_regression.html](https://ml-cheatsheet.readthedocs.io/en/latest/linear_regression.html)
3. <https://machinelearningmastery.com/simple-linear-regression-tutorial-for-machine-learning/>
4. [http://www.holehouse.org/mlclass/04\\_Linear\\_Regression\\_with\\_multiple\\_variables.html](http://www.holehouse.org/mlclass/04_Linear_Regression_with_multiple_variables.html)
5. [http://www.holehouse.org/mlclass/07\\_Regularization.html](http://www.holehouse.org/mlclass/07_Regularization.html)
6. Machine Learning - Linear Regression with One Variable | Coursera

## Gradient Descent (detailed)

<https://ruder.io/optimizing-gradient-descent/>

## Logistic Regression

7. <https://towardsdatascience.com/logistic-regression-detailed-overview-46c4da4303bc>
8. [http://www.holehouse.org/mlclass/06\\_Logistic\\_Regression.html](http://www.holehouse.org/mlclass/06_Logistic_Regression.html)
9. [https://ml-cheatsheet.readthedocs.io/en/latest/logistic\\_regression.html](https://ml-cheatsheet.readthedocs.io/en/latest/logistic_regression.html)
10. <https://www.kaggle.com/rakend/univariate-logistic-regression-from-scratch>
11. <https://machinelearningmastery.com/logistic-regression-for-machine-learning/>