Cheatsheets / **Supervised Learning: Regression**

Linear Regression

Gradient descent step

The size of the step that gradient descent takes is called the *learning rate*. Finding an adequate value for the *learning rate* is key to achieve convergence. If this value is too large the algorithm will never reach the optimus, but if is too small it will take too much time to achieve the desired value.

Gradient Descent in Regression

`Gradient Descent` is an iterative algorithm used to tune the parameters in regression models for minimum loss.

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