Practice 01-2

KAIST CHEMISTRY

Linear Regression, Logistic Regression

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- Linear Regression
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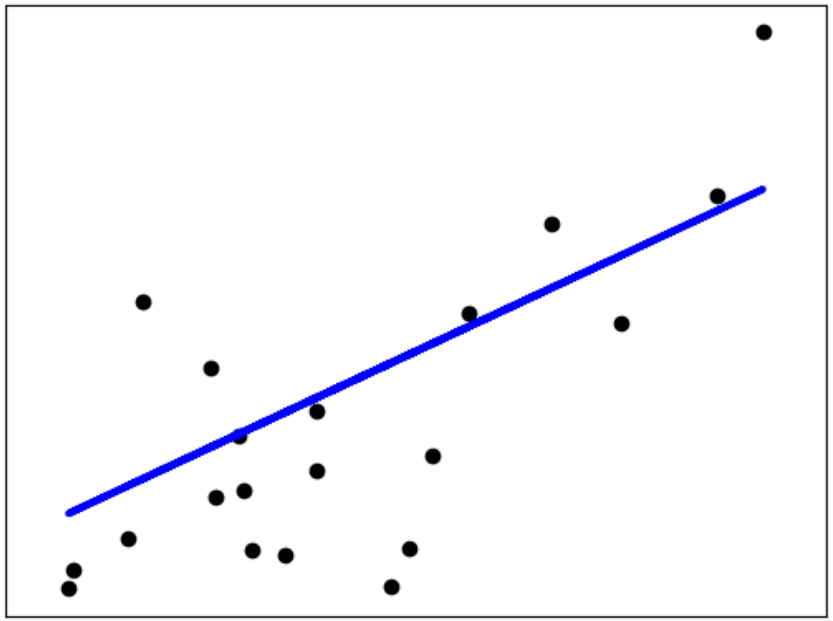
Linear Regression



- Exercise an example on scikit-learn official page
  http://scikit-learn.org/stable/auto_examples/linear_model/plot_ols.html
- Tutorial
  https://github.com/SeongokRyu/CH485---Artificial-Intelligence-and-Chemistry/blob/master/Practice%2001/linear_regression.ipynb

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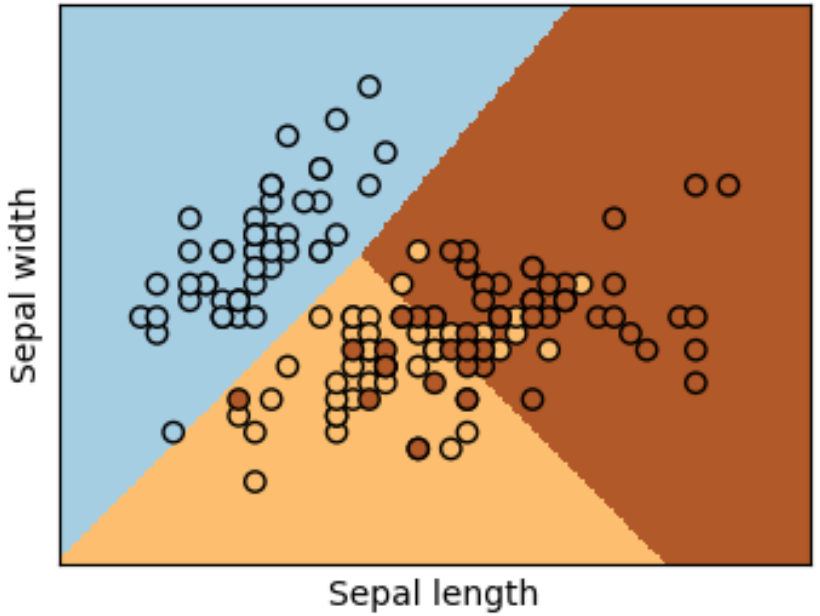
Logistic Regression



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Assignment #1

- Using same 'diabetes' dataset

  1. Do a linear regression with the other features. (we used the 'bmi' feature in this lecture.)
  2. Do a linear regression with using two features, i.e. multi-variate regression, then plot results of the task.
  3. Do a linear regression with using all ten features in the dataset. Compare the results by measuring MSE and R^2.

- Due date : 2018-09-12, 23:59, Wed

- You can upload your assignment in any way.