

Aula M1A30 Regressão Linear II.

Leitura complementar:

- [Linear Regression for Data Science](#)
- [Linear Regression — Detailed View](#)
- [examples and tutorials to get started with statsmodels](#)
- [sklearn.linear_model.LinearRegression](#)
- [Introduction to Linear Regression with Python](#)
- [Linear Regression- Data Science Algorithm every Data Scientist should know](#)
- [An Introduction to Linear Regression Analysis](#)
- [StatQuest: Linear Models Pt.1 - Linear Regression](#)
- [matplotlib.pyplot](#)
- [sklearn.metrics.mean_squared_error](#)
- [sklearn.datasets](#)
- [sklearn.linear_model](#)
- [sklearn.metrics.mean_squared_error](#)
- [sklearn.metrics.r2_score](#)
- [sklearn.model_selection.train_test_split](#)
- [Built-in magic commands](#)
- [7.1. Toy datasets](#)
- [datasets.load_boston\(\)](#)
- [sklearn.utils.Bunch](#)
- [sklearn.datasets.load_boston\(\)](#)
- [.data\[\]](#)
- [.target\[\]](#)
- [numpy](#)
- [pandas](#)
- [pandas.DataFrame](#)

- `sklearn.linear_model.LinearRegression`
- `.fit()`
- `.predict()`
- 1.1. Linear Models
- Coefficient of Determination (R Squared): Definition, Calculation
- `matplotlib.pyplot.scatter`
- `sklearn.metrics.mean_squared_error`
- statistical models, hypothesis tests, and data exploration
- `statsmodels.regression.linear_model.OLS`
- Ordinary least squares [OLS]
- Ordinary Seast Squares
- Least Squares
- `statsmodels.tools.tools.add_constant`
- Ordinary Least Squares
- Likelihood Ratio Test for Linear Regression
- Critérios para seleção de modelos baseados na razão de verossimilhança
- Omnibus test
- Durbin Watson Statistic Definition
- Jarque–Bera test
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