

Linear Regression Concept

Month 2: Classical Machine Learning | Week 5: Supervised Learning: Regression | Day 1

Theory & Concepts

Watch: StatQuest's Linear Regression, Clearly Explained (27 min). Concept: Fitting a line, Residuals, Least Squares.

Practice Exercises

Python: Implement Simple Linear Regression using `scikit-learn` on generated dummy data `X = np.array([1,2,3...]), y = 2*X + noise`.

Estimated Time: 2h

Completed: []

Notes:
