Machine Learning

Week 2 - Linear Regression

About the course

Announcements

- Assignment for this week is already in the Notebooks folder
- Notebooks can be done as group
- This week's assigned paper is kaggle_competition_automated_essay_grading_…
- You can download this week's Notebook folder if you haven't and start Jupyter Notebook
- If you can, camera on is appreciated

Simple linear Regression

Definition

Linear Regression is a statistical model used to predict the relationship between independent and dependent variables

Understanding the derivatives

https://rpubs.com/dnuttle/ml-linear-cost-func-derivative

https://www.coursera.org/learn/multivariate-calculus-machine-learning/home/week/1

Managing Environments

Conda Doc for managing environments

https://docs.conda.io/projects/conda/en/latest/user-guide/tasks/manage-environments.html

Conclusion