NobleProg

Intro to ML with Matlab

The World's Local Training Provider

About your trainer

- Pablo Maldonado
- Applied Math PhD & University Lecturer
- Data Science Trainer & Consultant
  - Telco / Financial services. (classic Big 4 consultancy)
  - Ecommerce and Digital marketing.
  - IoT / Sensor / Time Series Data,

NobleProg

About you

- Name / Background

- Experience with Machine Learning/ Matlab?

- Where and how will you be using this knowledge?

- What kind of data do you work with?

NobleProg

Course Outline

Day 1	Day 2	Day 3
- Introduction to Machine Learning. - MATLAB useful features for machine learning. - Linear and logistic regression. - Support Vector Machines (SVM).	- Clustering. K-NN. - Dimensionality reduction (PCA, SVD). - Decision Trees. - Ensemble methods (Adaboost / Bagging / Bootstrapping).	- Neural Networks and Deep Learning - Genetic Algorithms and black-box optimization - Unsupervised learning: SOM neural networks.

NobleProg

Timeline

- 09:15 - 12:15
- 13:30 - 16:30

(with short breaks in the middle)

After the course:

- Course Survey
- Certificate

NobleProg