

NobleProg

Advanced Machine Learning in Python



The World's Local Training Provider

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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,

About you

- Name / Background
- Experience with Machine Learning/ Python?
- Where and how will you be using this knowledge?
- What kind of data do you work with?

Course Outline

Day 1	Day 2	Day 3
<ul style="list-style-type: none">- Introduction to Machine Learning.- Some useful libraries for machine learning.- Linear and logistic regression.- Support Vector Machines (SVM).- KNN	<ul style="list-style-type: none">- Clustering & Unsupervised Learning.- Dimensionality reduction (PCA, SVD).- Decision Trees & Ensemble methods- Working with text data	<ul style="list-style-type: none">- Neural Networks and Deep Learning- Autoencoders.- Image classification.- Transfer learning

Timeline

- 09:00 - 12:00
 - 13:00 - 16:00
- (with short breaks in the middle)

After the course:

- Course Survey
- Certificate