



Course Introduction

- ✓ **Video:** Welcome!
2 min

Prerequisite Knowledge

- ✓ **Video:** What's In Week One?
2 min
- ✓ **Video:** Need To Know
5 min
- ✓ **Reading:** Further Reading: Course Prerequisites
10 min
- 📋 **Practice Quiz:** Do You Have What It Takes?
5 questions

Installation

Using H2O

- ✓ **Video:** A Quick Deep Learning!
19 min
- ✓ **Video:** AutoML
6 min

Model Types

- ✓ **Video:** Types Of Models
7 min
- 📋 **Practice Quiz:** Model types
2 questions

Help!

- ▶ **Video:** Where To Go With Questions
2 min
- 📖 **Reading:** Further Reading: Getting Help
10 min
- ✓ **Video:** Summary
1 min
- 📋 **Quiz:** Week One Exam
7 questions



Further Reading: Course Pr

R or Python

If you don't know *any* programming language, that may be and do another course on first, sorry.

If you don't know either R or Python, but are comfortable in at some of the side-by-side examples in the manual, by clicking buttons, e.g. <http://docs.h2o.ai/h2o/latest-stable/h2o-docs/> or <http://docs.h2o.ai/h2o/latest-stable/h2o-docs/data-science/>.

Don't worry about understanding them fully at this point, just choose the other one. There are Coursera courses on both of books and online tutorials. You don't need advanced skill

If using Python, I recommend you install and become familiar with <http://pandas.pydata.org/pandas-docs/stable/10min.html>. For make the R examples much clearer.

R and Python

If you already know R or Python+Pandas, and want to take the other, I found this presentation quite useful:

<https://www.slideshare.net/ajayohri/python-for-r-users>

Basic Stats

These cartoons should help remind you of the difference between

<https://mathwithbaddrawings.com/2016/07/13/why-not-to>

There are some pretty pictures of distributions here:

<http://www.itl.nist.gov/div898/handbook/eda/section3/eda>

but most important is to understand the normal distribution

https://en.wikipedia.org/wiki/Standard_deviation

More stats visualizations, including a nice visual introduction