

Instructional Videos

Video 1: R Introduction

Description: R introduction and in action. Initial discussion and examples about variable, vector, matrix, data frame, how to load and process data in R, etc.

Link: <https://youtu.be/U3ARl6osi2k>

Video 2: Data Analytics Process and Concept

Description: Overview of the analytics process from a data mining and machine learning standpoint, with a simple example to illustrate the discovery of concept from data.

Link: <https://youtu.be/Yc-BQvhH6Z8>

Video 3: Probability, Bayes Theorem, and Naive Bayes Classification

Description: On probability, joint probabilities, Bayes Theorem, and finally how all these apply to the Naive Bayes model for classification.

Link: <https://youtu.be/j8JqOIhMfhA>

Video 4: On Probability Distributions

Description: On discrete and continuous probability distributions, the notion of density, and how to properly interpret a probability distribution and specific point values in the distribution.

Link: <https://youtu.be/EJhxYuROBjM>