BeVera
COURSE OUTLINE

Ensemble Modeling

Course Overview

Ensemble learning is a machine learning technique in which the same algorithm is used multiple times, or a group of different algorithms are combined to build a more powerful model. The ensemble is primarily used to improve the performance of the model. This course introduces the participant to ensemble modeling techniques.

Intended Audience

Ensemble Modeling course is intended for data analysts, researchers, and data scientists familiar with R and RStudio.

Prerequisites

Attendees must download Anaconda onto their personal laptops prior to attending the training session.

Learning Objective

- Learn to carry out an essential review of re-sampling methods
- Understanding the idea and usage of Boosting and AdaBoost
- Use multiple algorithms to make strong predictive models
- Learn to supplement methods with statistical tests, such as ROC