

Welcome to Data Mining I

This material provides a highly interactive overview of supervised models for data mining. In this course, the [DataCamp](#) learning resource covers two supervised data mining models: classification and prediction.

Throughout the course you will find a variety of interactive elements that are designed to challenge and deepen your comprehension of the topics presented. It is important to note that these elements are not meant to reveal any characteristics about the format or design of the final assessment. Instead, they are designed specifically to help you learn, and are offered as tools for you to use to your advantage as you work through the course.

Learning Resource

This course uses [DataCamp](#) as the primary learning resource. To prepare for the performance assessment, it is recommended that you complete all the DataCamp courses within the Data Mining I track.

This course consists of **seven** DataCamp courses comprising 29 hours of content:

1. Supervised Learning with scikit-learn (4 hours)
2. Supervised Learning in R: Classification (4 hours)
3. Supervised Learning in R: Regression (4 hours)
4. Machine Learning with caret in R (4 hours)
5. Machine Learning with Tree-Based Models in Python (5 hours)
6. Tree-Based Modules in R (4 hours)
7. Model Validation in Python (4 hours)

Supplemental Resources

The Course page includes a Resource Library document with additional resources that may assist in better understanding the concepts presented within the course.