Addressing Business Issues with Data Science

Topics:

- Initiate a Data Science Project
- Formulate a Data Science Problem

Extracting, Transforming, and Loading Data

Topics:

- Extract Data
- Transform Data
- Load Data

Analyzing Data

Topics:

- Examine Data
- Explore the Underlying Distribution of Data
- Use Visualizations to Analyze Data
- Preprocess Data

Designing a Machine Learning Approach

Topics:

- Identify Machine Learning Concepts
- Test a Hypothesis

Developing Classification Models

Topics:

- Train and Tune Classification Models
- Evaluate Classification Models

Developing Regression Models

Topics:

Train and Tune Regression Models

Evaluate Regression Models

Developing Clustering Models

Topics:

- Train and Tune Clustering Models
- Evaluate Clustering Models

Finalizing a Data Science Project

Topics:

- Communicate Results to Stakeholders
- Demonstrate Models in a Web App
- Implement and Test Production Pipelines