

Applying the Data Science Method

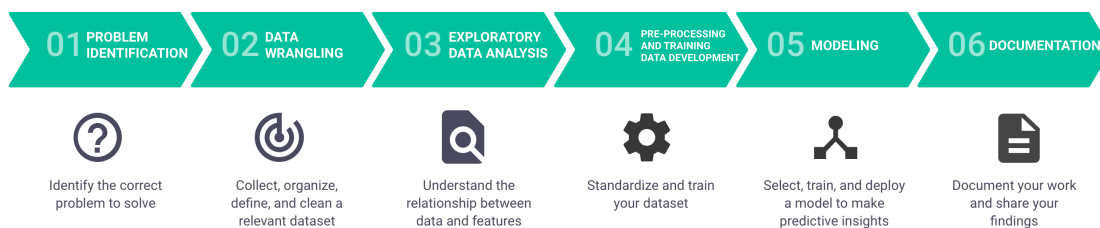
Learning Objectives

- Gain first-hand experience with the end-to-end data science process you'll use to complete work for this course and throughout your career as a data scientist

Work to Complete

In this unit, you'll:

- Work through each step of the data science method by completing a guided capstone project



In this unit, you'll get to see data science in action (and be part of that action)! The Data Science Method (DSM) is the process you'll rely on to solve any data science problem you come up against. You already learned about problem identification, which is the first step in this process. Now, you'll work through each of the DSM's steps and get your first taste of an end-to-end data science project.

★ This unit encompasses the entirety of the DSM. You'll work through the end-to-end process two more times:

- Once during your second capstone, which is woven throughout the rest of the core units
- Again during your third capstone, which you'll work on after you choose a specialization.

You'll find an article at the beginning of each subunit that explains the step being taught; these articles were written by Aiden Johnson, one of the subject matter experts who helped to build this course. Once you've read the article, you'll practice implementing that step by working through a guided capstone project. As you work,

keep in mind that your next big course project will be to work on a capstone project by yourself, so be sure to make a note of any step of this process that you find particularly enjoyable or challenging.