



DATA SCIENCE SAMPLE TEACH PROMPT

DIRECTIONS The following lesson prompt is an excerpt from Lesson 9 - Decision Trees.

PRE-REQUISITES By this stage, students should have a basic understanding of data exploration, machine learning, and Python. Using the Lesson Plan Template in this packet, prepare a 15-minute lesson that teaches *one* of the following concepts:

LEARNING OBJECTIVES By the end of this lesson, students should be able to do one of the following:

- Explain how a decision tree functions and how to build one
- Visually represent a decision tree
- Determine when using a decision tree is an appropriate method.

DATA SCIENCE EXAMPLE LESSON

PURPOSE & CONTEXT To give you context into the types of lessons we design and teach at GA, we wanted to provide you with a model lesson from the course.

EXAMPLE LESSON See [Lesson 4 - Intro to Machine Learning and Classification with K-Nearest Neighbors](#) for an example of a 3-hour lesson.