



Unit Plan : What is Data Science

What You'll Learn: Learning Objectives	Words to Know: Key Terms & Concepts	What will Help
<ol style="list-style-type: none"><li>1. Become familiar with the field of Data Science, its applications, larger impact, and limitations</li><li>2. List different ways Data Science is being applied</li><li>3. Identify the broad skill sets that data scientists need to possess</li><li>4. List three ideas for your first Capstone Project</li></ol>	<ul style="list-style-type: none"><li>● <b>Big data:</b> A collective term used for technology to analyze large amounts of data to unearth insights, typically into human behavior and patterns.</li><li>● <b>Data set:</b> A collection of data to be analyzed.</li><li>● <b>Analytics:</b> A collective term for techniques used to analyze data, mostly to draw business insights.</li><li>● <b>Algorithm:</b> A well-defined set of steps to solve a specific problem.</li><li>● <b>Hypothesis:</b> An educated guess that needs to be validated (or disproved) by experiment and data.</li></ul>	<ul style="list-style-type: none"><li>● Keep in close contact with your Springboard team, particularly your mentor as you go through the early units.</li><li>● Remember that three ideas for your capstone project are quite preliminary, and you'll work with your mentor closely to refine them.</li><li>● Learn from the experience of your peer community, especially those who are ahead of you in the course.</li></ul>

