**Lesson Overview: What Do Data Scientists Do?**

In the lesson "What Do Data Scientists Do?" you’ll dive into data science. The first video shows a day in the life of data scientists. You’ll also learn essential skills for becoming a good data scientist and why big data matters. You’ll explore handling different file types, study data science topics, and algorithms, and discuss the qualities that define a data scientist. The lesson ends with a summary video and a quiz to ensure you grasp this dynamic field.

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| **Asset name and type** | **Description** |
| “A Day in the Life of a Data Scientist” video | Gain firsthand insights into the daily routines and challenges faced by data scientists, providing a practical glimpse into their roles. |
| “Data Science Skills and Big Data” video | Delve into the core skills required in the data science profession and understand the significance of big data in contemporary data analysis. |
| “Working on Different File Formats” video | Explore the intricacies of handling diverse file formats, a crucial skill for data scientists when dealing with various data sources. |
| “Data Science Topics and Algorithms” video | Dive into essential data science topics and algorithms that form the foundation of data analysis and decision-making. |
| Discussion Prompt: Introduce Yourself | Engage with fellow learners by introducing yourself, fostering a sense of community and collaborative learning. |
| “What Makes Someone a Data Scientist?” reading | Read an excerpt from "What Makes Someone a Data Scientist?" where the author addresses the ongoing debates surrounding the definition of data science and the elusive identity of a data scientist. |
| “Lesson Summary” video | Summarize and reinforce your understanding of the key concepts covered in the lesson, ensuring a comprehensive grasp of the material. |
| Practice quiz | Test your understanding of the previous reading. |
| Glossary | Use this glossary of terms to review the terminology presented in this lesson. |
| Graded quiz | Test your knowledge from this lesson by taking the graded quiz. |