





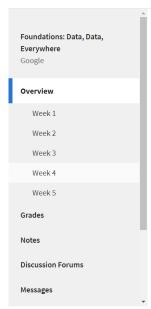
What do you want to learn?





Go to forum





Week 4

Foundations: Data, Data, Everywhere

Week 4

Discuss the topic here.

272 threads · Last post 4 hours ago

Set up your toolbox



Google Career Certificates

As you're learning, spreadsheets, query languages, and data visualization tools are all a big part of a data analyst's job. In this part of the course, you'll learn more about the basic concepts involved and explore some examples of how these tools work.

△ Less

Learning Objectives

- Describe spreadsheets, query languages, and data visualization tools, giving specific examples
- $\bullet\,$ Demonstrate an understanding of the uses, basic features, and functions of a spreadsheet
- Explain the basic concepts involved in the use of SQL including specific examples of queries
- Identify the basic concepts involved in data visualization, giving specific examples
- ∧ Less

Mastering spreadsheet basics

▶ Video: The ins and outs of core data tools 2 min

Resume

- ▶ Video: Columns and rows and cells, oh my! 9 min
- Discussion Prompt: Spreadsheets in daily life 10 min
- (II) **Practice Quiz:** Hands-On Activity: Generating a chart from a spreadsheet 2 questions
- Reading: More spreadsheet resources 10 min
- Discussion Prompt: Share your chart 10 min
- Practice Quiz: Test your knowledge on spreadsheet basics 3 questions

Structured Query Language (SQL)

- ▶ Video: SQL in action 3 min
- Reading: More about SQL in action 10 min
- Reading: SQL Guide: Getting started 10 min
- Video: Angie: Everyday struggles when learning new skills 1 min
- Practice Quiz: Test your knowledge on SQL 5 questions

Data visualization

- ▶ Video: Becoming a data viz whiz 5 min
- Reading: Planning a data visualization 10 min
- Widen Lilah: The power of a visualization 2 min

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Discussion Prompt: Visualizations in daily life 10 min	
Practice Quiz: Test your knowledge on visualizing data 3 questions	
Weekly challenge 4	
Reading: Glossary: Terms and definitions 5 min	
Quiz: *Weekly challenge 4* 8 questions Due Aug 2, 1:59 AM CDT Due Aug 2, 1:59 AM CDT	

