

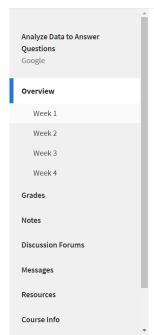




What do you want to learn?







Week 1

Analyze Data to Answer Questions

Week 1

Discuss the topic here.

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Organizing data to begin analysis



Google Career Certificates

Organizing data makes the data easier to use in your analysis. In this part of the course, you'll learn the importance of organizing your data through sorting and filtering. You'll explore these processes in both spreadsheets and SQL as you continue to prepare your data for analysis.

∧ Less

Learning Objectives

- Describe what is involved in the data analysis process with reference to goals and key tasks
- Discuss the importance of organizing data before analysis with references to sorts and filters
- Describe sorting as it relates to data in a spreadsheet or database with reference to functionality and benefits
- Demonstrate an understanding of the steps involved in sorting and filtering data through the use of SQL queries
- ∧ Less

Let's get organized

▶ Video: Introduction to getting organized 3 min

Resume

- Reading: Course syllabus 10 min
- Reading: Learning Log: Process and organize your data 20 min
- Discussion Prompt: Meet and greet 10 min
- (4) Refresher: Your data analytics certificate roadmap 15 min

Data analysis basics

- ▶ Video: The analysis process 4 min
- ▶ Video: Ayanna: Sticking with it 1 min
- Practice Quiz: Test your knowledge on understanding data analysis 3 questions

Organize data for analysis

- ▶ Video: Always a need to organize 2 min
- Reading: Keeping data organized with sorting and filters 10 min
- Reading: Optional: Upload the movie dataset to BigQuery 10 min
- ▶ Video: More on sorting and filtering 5 min
- Practice Quiz: Test your knowledge on organizing data 3 questions

Sort	t data in spreadsheets
•	Video: Sorting datasets 4 min
•	Video: The SORT function 5 min
	Reading: Sorting and filtering in Sheets and Excel 10 min
•	Video: Emma: Journey to a meaningful career 2 min
	Practice Quiz: Test your knowledge on sorting in spreadsheets 3 questions
Sort	t data using SQL
•	Video: Sorting queries in SQL 7 min
<u></u>	Reading: Optional Refresher: Using BigQuery 10 min
	Practice Quiz: Hands-On Activity: SQL sorting queries 2 questions
	Practice Quiz: Hands-On Activity: Analyze weather data in BigQuery 2 questions
	Practice Quiz: Test your knowledge on sorting in SQL 3 questions
Weekly challenge 1	
(III)	Reading: Glossary: Terms and definitions 5 min
	Quiz: Weekly challenge 1 8 questions Due Jul 12, 1:59 AM CDT