

Analyze Data to Answer Questions

Google

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# Week 2

Analyze Data to Answer Questions

## Week 2

Discuss the topic here.

44 threads · Last post an hour ago

Go to forum

## Formatting and adjusting data



Google Career Certificates

As you move closer to analyzing your data, you'll want to have the data formatted and ready to go. In this part of the course, you'll learn all about converting and formatting data, including how SQL queries can help you combine data. You'll also find out the value of feedback and support from your colleagues and how it can lead to new learning that you can apply to your work.

Less

## Learning Objectives

- Demonstrate an understanding of what is involved in the conversion and formatting of data
- Demonstrate an understanding of the use of spreadsheets and SQL queries to combine multiple pieces of data
- Discuss the importance of seeking feedback and support from others

Less

## Convert and format data



Video: Getting started with data formatting 1 min

Resume



Video: From one type to another 5 min



Reading: Converting data in spreadsheets 10 min



Video: Data validation 3 min



Video: Conditional formatting 4 min



Discussion Prompt: Identify conditional formatting use cases 10 min



Reading: Transforming data in SQL 10 min



Practice Quiz: Test your knowledge on converting and formatting data 3 questions

## Combine multiple datasets



Video: Merging and multiple sources 4 min



Practice Quiz: Hands-On Activity: Combine multiple pieces of data 2 questions



Video: Strings in spreadsheets 3 min



Reading: Manipulating strings in SQL 10 min



Reading: Learning Log: Start a data analysis checklist 20 min





Practice Quiz: Test your knowledge on combining multiple datasets 3 questions


## Get support during analysis





Video: What to do when you get stuck 3 min

 **Video:** What to do when you get stuck 3 min

 **Reading:** Advanced spreadsheet tips and tricks 10 min

 **Video:** Layla: All about the analyze phase 3 min

 **Video:** Running into challenges? Not to worry! 6 min

 **Video:** When to use which tool 3 min

 **Practice Quiz:** Self-Reflection: Stack Overflow 1 question

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## Weekly challenge 2

 **Reading:** Glossary: Terms and definitions 5 min

 **Quiz:** Weekly challenge 2 8 questions Due Jul 19, 1:59 AM CDT

