Process Data from Dirty to Clean
Google

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Week 2

Process Data from Dirty to Clean

Week 2

Discuss the topic here.

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Sparkling-clean data

Google Career Certificates

Every data analyst wants clean data to work with when performing an analysis. In this part of the course, you'll learn the difference between clean and dirty data. You'll also explore data cleaning techniques using spreadsheets and other tools.

Learning Objectives

- Differentiate between clean and dirty data
- Explain the characteristics of dirty data
- Describe data cleaning techniques with reference to identifying errors, redundancy, compatibility and continuous monitoring
- Identify common pitfalls when cleaning data
- Demonstrate an understanding of the use of spreadsheets to clean data

Less

Data cleaning is a must

Video: Clean it up! 2 min — Resume

Video: Why data cleaning is important 5 min

Video: Angie: Why I love cleaning data 1 min

Reading: What is dirty data? 10 min

Video: Defining dirty data 5 min

Practice Quiz: Test your knowledge on clean versus dirty data 4 questions

Begin cleaning data

Video: Data-cleaning tools and techniques 6 min

Video: Cleaning data from multiple sources 5 min

Reading: Common data-cleaning pitfalls 10 min

Practice Quiz: Hands-On Activity: Cleaning data with spreadsheets 2 questions

Practice Quiz: Test your knowledge on data-cleaning techniques 3 questions

Cleaning data in spreadsheets

Video: Data-cleaning features in spreadsheets 8 min

Video: Optimize the data-cleaning process 14 min

Reading: Workflow automation 10 min

Video: Different data perspectives 10 min

Video: Even more data-cleaning techniques 6 min

Practice Quiz: Hands-On Activity: Clean data with spreadsheet functions 2 questions

Reading: Learning Log: Develop your approach to cleaning data 20 min

Practice Quiz: Test your knowledge on cleaning data in spreadsheets 3 questions

Weekly challenge 2

Reading: Glossary: Terms and definitions 5 min

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