

Foundations: Data, Data,
Everywhere
Google

Overview

Week 1

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Week 2

Foundations: Data, Data, Everywhere

Week 2

Discuss the topic here.
252 threads · Last post 2 hours ago

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All about analytical thinking



Google Career Certificates

Data analysts balance many different roles in their work. In this part of the course, you'll learn about some of these roles and the key skills used by analysts. You'll also explore analytical thinking and how it relates to data-driven decision-making.

Less

Learning Objectives

- Explain the concept of data-driven decision-making including specific examples
- Describe the key characteristics of analytical thinking
- Conduct an analytical thinking self assessment, giving specific examples of the application of analytical thinking
- Demonstrate an understanding of the five key analytical skills used by data analysts
- Explain how analytical thinking enables decision-making
- Begin asking more effective questions

Less

Embrace your data analyst skills

Video: Discovering data skill sets 46 sec

Resume

Video: Key data analyst skills 6 min

Practice Quiz: Get a read on your analytical skills 10 questions

Reading: Learning Log: Explore data from your daily life 20 min

Test your knowledge on data analyst skills 10 min

Thinking about analytical thinking

Video: All about thinking analytically 5 min

Video: Exploring core analytical skills 4 min

Reading: Learning Log: Reflect on your skills and expectations 20 min

Practice Quiz: Test your knowledge on analytical thinking 4 questions

Thinking about outcomes


Video: Using data to drive successful outcomes 4 min


Video: Real-world data magic 5 min

Discussion Prompt: More about you 10 min

Practice Quiz: Test your knowledge on outcomes 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

