

Skip to Main Content



SEARCH IN COURSE

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coursera

1. [Process Data from Dirty to Clean](#)



2. [Module 1](#)



3. [Weekly challenge 1](#)

< [Previous](#) [Next](#) >

≡ [Item Navigation](#)

Focus on integrity

Data integrity and analytics objectives

Overcoming the challenges of insufficient data

Testing your data

Consider the margin of error

Weekly challenge 1



Reading: ReadingGlossary: Terms and definitions

. Duration: 10 minutes10 min



Quiz: Weekly challenge 1

8 questions

Purchase a subscription to unlock this item.

Weekly challenge 1

Quiz40 minutes • 40 min

[Review Learning Objectives](#)



Submit your assignment

Due April 23, 11:59 PM PSTApr 23, 11:59 PM PST

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To Pass 80% or higher

Your grade

87.50%

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Weekly challenge 1

Graded Quiz. • 40 min

Due Apr 23, 11:59 PM PST



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1.

Question 1

Fill in the blank: In order to have a strong and thorough analysis, a data analyst must verify _____.

1 / 1 point



data integrity



data manipulation



data engineering



data replication



Correct

2.

Question 2

A financial analyst imports a dataset to their computer from a storage device. As it's being imported, the connection is interrupted, which compromises the data. Which of the following processes caused the compromise?

1 / 1 point

☐☐

Data gathering

☒☐

Data transfer

☐☐

Data analysis

☐☐

Data manipulation



Correct

3.

Question 3

As a data analyst, you work with data about the life expectancy of sea turtles in the Coral Triangle. The dataset contains an estimated birthdate and deathdate for all tracked sea turtles. With the data you have, what questions are you able to answer?

1 / 1 point

☐☐

Where is the most prevalent location sea turtles are being hatched in the Coral Triangle?

☐



Is the sea turtle population increasing throughout the world?



What is the median age a sea turtle has lived in the Coral Triangle?



What is the largest sea turtle ever recorded?



Correct

4.

Question 4

A data analyst is given a dataset for analysis. To use the template for this dataset, click the link below and select "Use Template."

Link to template: [June 2014 Invoices](#)

OR

If you don't have a Google account, download the CSV file directly from the attachment below.



June 2014 Invoices - Sheet1

CSV File

Which of the following has duplicate data?



Data for Symteco on 5/20/2014



Data for Valando on 2/18/2014



Data for Symteco on 2/21/2014



Data for Valando on 1/1/2014



Correct

5.

Question 5

A data analyst at a software company wants to learn more about industry competitors. Because the software industry has more mergers than any other field, the companies and their products are constantly evolving. The analyst has a dataset from three years ago, and they notice that many of the companies and products in the dataset have changed. What makes the analyst decide that the data is insufficient, so they should generate fresh data instead?

0 / 1 point



It is data from only one source.



It is outdated data.



It is data that keeps updating.



It is geographically limited data.



Incorrect

Please review [the video on insufficient data](#).

6.

Question 6

A large retail store needs to conduct a survey to learn why their consumers purchase the store's products. How should the retail store survey their customers?

1 / 1 point



Send an email to customers who bought more than three products



Send an email to another store's customers



Send an email to a random sample of customers



Send an email to all customers above a certain age



Correct

7.

Question 7

A restaurant gathers data about a new dish by providing free samples to parties of six or more diners. What does this scenario describe?

1 / 1 point

☐☐

Random sampling

☐☐

Geographically limited sampling

☒☐

Sampling bias

☐☐

Unbiased sampling



Correct

8.

Question 8

Sometimes during analysis, an analyst discovers that it's necessary to adjust the business objective. When this happens, the analyst should take the initiative to do so without involving others in order to be respectful of their time.

1 / 1 point

☐☐

True

☒☐

False



Correct