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BerkeleyX: CS110x Big Data Analysis with Apache Spark

Week 1 - Big Data and Data Science > Lecture 1: Big Data and Data Science > Brief History of Data Analysis and Data Science Examples

🔖 **Bookmarks**

▼ **Week 1 - Big Data and Data Science**

Lecture 1: Big Data and Data Science
Quizzes ✏

Setting up the Course Software Environment
Setup ✏

Lab 1: Power Plant Machine Learning Pipeline
Lab due Sep 13, 2016 at 04:30 IST ✏

Lab 1 Quiz Questions
Quizzes ✏

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Brief History of Data Analysis and Data Science Examples

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Fisher's Quote

(1/1 point)

Which phrase was Fischer famous for saying:

○ "Correlation implies Causation"

○ "Causation implies Correlation"

◉ "Correlation does not imply Causation"   ✔

○ "Causation does not imply Correlation"

EXPLANATION

Fisher publicly spoke out against a 1950 study showing that smoking tobacco causes lung cancer, arguing that correlation does not imply causation. Ironically, Fisher was a lifelong smoker.

✏️

(Optional reading) This Forbes magazine article, A Very Short History of Data Science, provides another brief history of Data Science.

(Optional Reading) This Harvard Business Review article, Big Data: The Management Revolution, discusses the differences between big data and data analytics, the management challenges, and provides two success stories of companies using big data. If the above link does not work, try this link from the Wayback Machine:
 https://web.archive.org/web/20150331043417/https://hbr.org/2012/10/data-scientist-the-sexiest-job-of-the-21st-century/ar/1. Click the X to dismiss the interstitial and you can read the article.

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