



AP®/College Computer Science Principles

Unit: Data analysis

AP CSP: DAT (BI), DAT-2 (EU)

400 / 400 (100% Mastered) ?

Mastery points

Skill Summary ?

Data tools



Big data



Bias in machine learning



Unit test

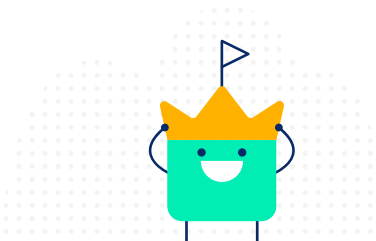
100% a few seconds ago



Up next for you

Great work! You've mastered this unit. Continue learning "AP®/College Computer Science Principles" with the next unit, "Simulations".

Go to unit



Data tools

AP CSP: DAT-2.A (LO), DAT-2.A.1 (EK), DAT-2.A.2 (EK), DAT-2.A.3 (EK), DAT-2.A.4 (EK), DAT-2.D (LO), DAT-2.D.1 (EK), DAT-2.D.5 (EK), DAT-2.E.3 (EK)

Learn

- Storing data sets
- Computing basic statistics
- Finding patterns in data sets

Practice

Computing basic statistics

Mastered



Finding patterns in data sets

Mastered



Big data

AP CSP: DAT (BI), DAT-2 (EU), DAT-2.C (LO), DAT-2.C.1 (EK), DAT-2.C.6 (EK), DAT-2.C.7 (EK), DAT-2.C.8 (EK)

Learn

- The era of big data
- The sources of big data
- The challenges of big data

Practice

Big data

Mastered



Bias in machine learning

AP CSP: DAT-2 (EU), DAT-2.C (LO), DAT-2.C.5 (EK), IOC (BI), IOC-1 (EU), IOC-1.B (LO), IOC-1.B.1 (EK), IOC-1.B.2 (EK), IOC-1.B.3 (EK), IOC-1.I IOC-1.D.1 (EK), IOC-1.D.2 (EK), IOC-1.D.3 (EK)

Learn

- Machine learning algorithms
- Bias in predictive algorithms
- Bias in facial recognition
- Bias in language translation

Practice

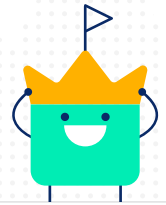
Bias in machine learning

Mastered



**Unit test: 100% a few seconds ago**

Great work! You've already mastered this unit and can't level up in any skills nor collect any Mastery points

[Take Unit test again](#)**About this unit**

The unit introduces data analysis and the world of big data. Learn about storing data sets in files, spreadsheets, and databases, computing statistics like average and maximum, finding patterns like trends and correlations. Learn how big data can be used to improve algorithms like translation, image recognition, and recommendations. With our 30+ practice questions, you can practice what you've learned and study for the AP Computer Science Principles exam.

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