edX

Audit Access Expires Mar 24, 2020
You lose all access to this course, including your progress, on Mar 24, 2020. Upgrade by Feb 18, 2020 to get unlimited access to the course as long as it exists on the site. **Upgrade now**

Percentiles
Percentiles

Start of transcript. Skip to the end.

▶   0:00 / 0:00   ▶   **1.0x**   🔊   ⤢   CC   ❝

RAFAEL IRIZARRY: In this short video, we define some terms that are commonly

used in exploratory data analysis.

Percentiles are special cases of quantiles that are commonly used.

The percentiles are the quantiles you obtain

when you define p as

Video

✏️

Download video file

Transcripts

Download SubRip (.srt) file

Download Text (.txt) file

Textbook link

This video corresponds to the textbook section on percentiles.

Key points

- *Percentiles* are the quantiles obtained when defining p as $0.01, 0.02, \ldots, 0.99$. They summarize the values at which a certain percent of the observations are equal to or less than that value.

- The 50th percentile is also known as the *median*.

- The *quartiles* are the 25th, 50th and 75th percentiles.

Learn About Verified Certificates