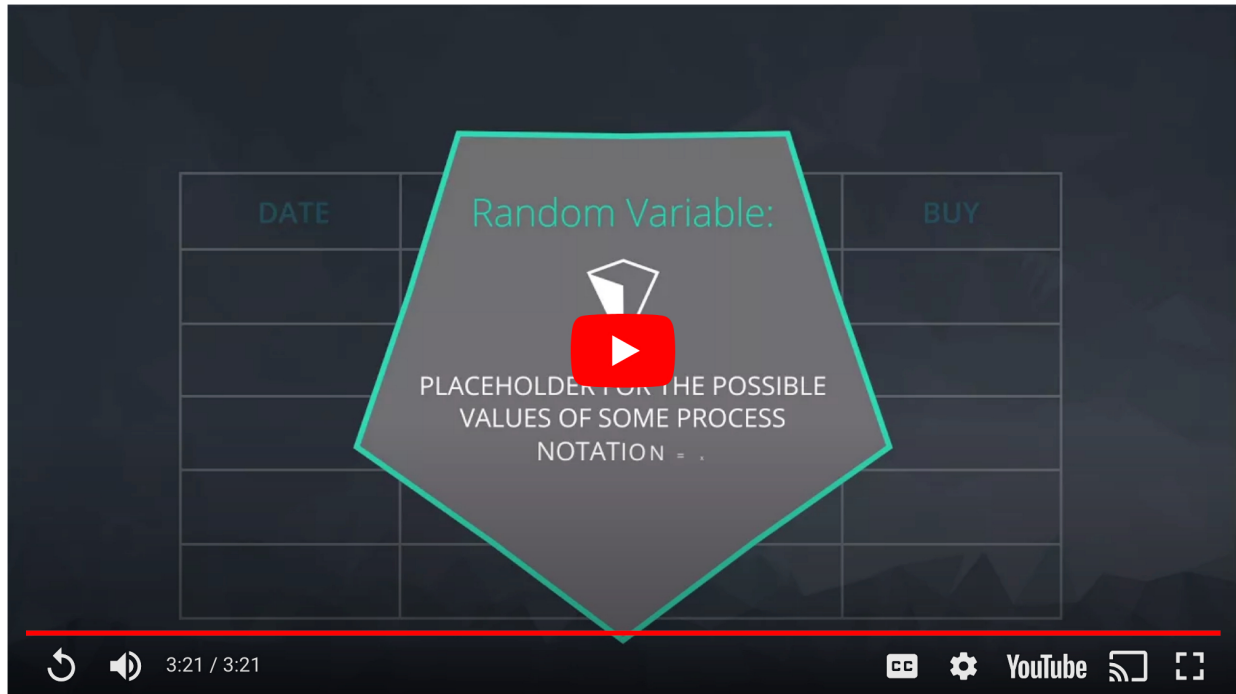


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Video: Random Variables



Example to Introduce Notation

There is a lot going on in this video - here is a recap of the big ideas.

Rows and Columns

If you aren't familiar with spreadsheets, this will be covered in detail in future lessons. Spreadsheets are a common way to hold data. They are composed of rows and columns. Rows run horizontally, while columns run vertically. Each column in a spreadsheet commonly holds a specific **variable**, while each row is commonly called an **instance** or **individual**.

The example used in the video is shown below.

Date	Day of Week	Time Spent On Site (X)	Buy (Y)
June 15	Thursday	5	No
June 15	Thursday	10	Yes
June 16	Friday	20	Yes

This is a **row**:

Date	Day of Week	Time Spent On Site (X)	Buy (Y)
June 15	Thursday	5	No

This is a **column**:

Time Spent On Site (X)

5

10

20

Before Collecting Data

Before collecting data, we usually start with a question, or many questions, that we

