EXperimental Learning

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Big Data and Social Analytics certificate course

MODULE 1 UNIT 1

Data privacy concepts, rules and policies

MIT BDA Module 1 Unit 1 Video

Learning outcomes:

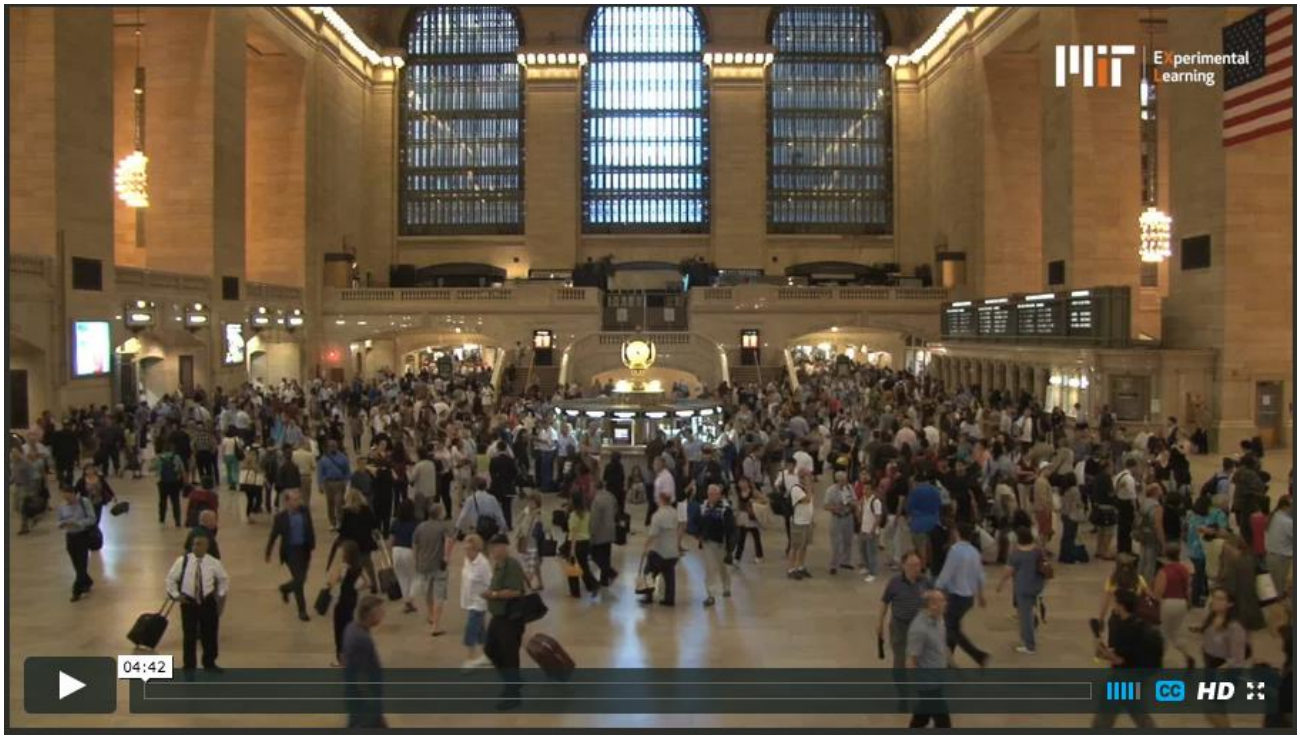
LO1: Define key terms and cencepts related to big data, social physics, data quality, and data privacy.

LO3: Identify the tools, processes, and techniques used in big data analysis.

Title: What is big data, data quality and social physics?

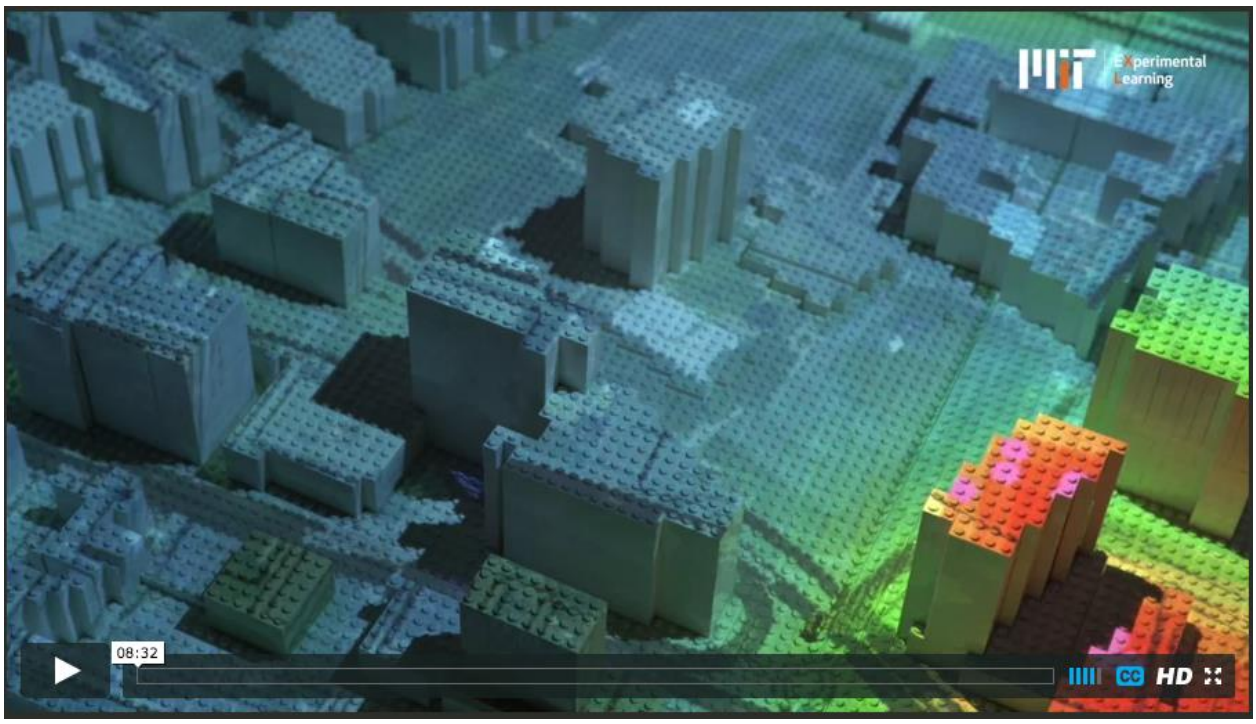
In the first two videos of this module, Professor Alex Pentland defines social physics and talks about big data and data-rich societies. These videos also cover key terms and concepts related to big data, social physics, data quality, and data privacy.

Video 1: Professor Alex Pentland - What is social physics?
(To download this video, click here.)

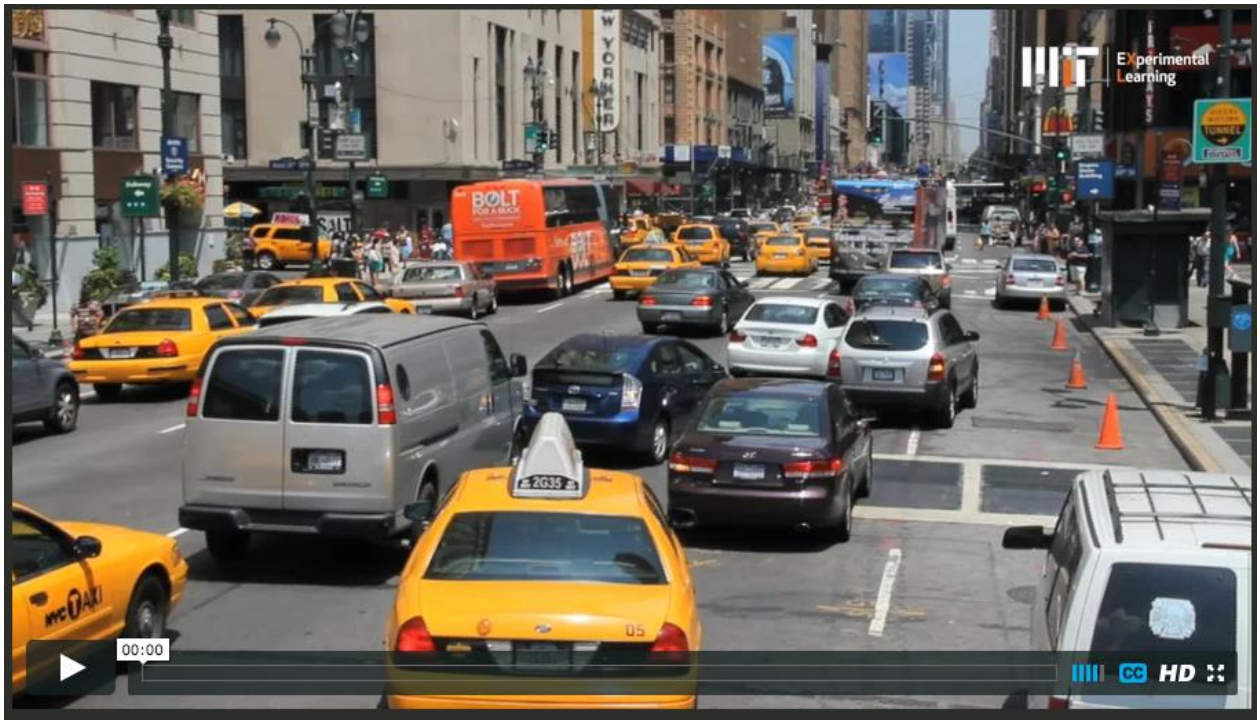


Video 2: Professor Alex Pentland - Big data and data-rich societies.
(To download this video, click here.)

The next two videos feature David Shrier, Managing Director of MIT Connection Science, in which he introduces more key terms and concepts related to big data. These videos also identify the tools, processes and techniques used in big data analysis.



Video 3: David Shrier - Data 101.
(To download this video, click here.)



Video 4: David Shrier - Data quality basics - the 5 Rs.
(To download this video, click here.)

You are now ready to apply your knowledge

Now that you've engaged with Videos 1, 2, 3 and 4, you are ready to apply your newly gained knowledge by completing the corresponding activity in the Apply unit. You can access this activity by navigating back to your module learning path, or click to access it directly from here:

1.4 Assessment quiz: Big data concept and techniques.