



EXperimental
Learning

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Big Data and Social Analytics certificate course

MODULE 1 UNIT 1

What is big data, data quality and social physics?

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SA+P

Massachusetts Institute of Technology | School of Architecture + Planning

IN COLLABORATION WITH getsmarter



MIT BDA Module 1 Unit 1 Video

Learning outcomes:

LO4: Discuss the rules, laws, and policies that apply to the practice of big data analysis.

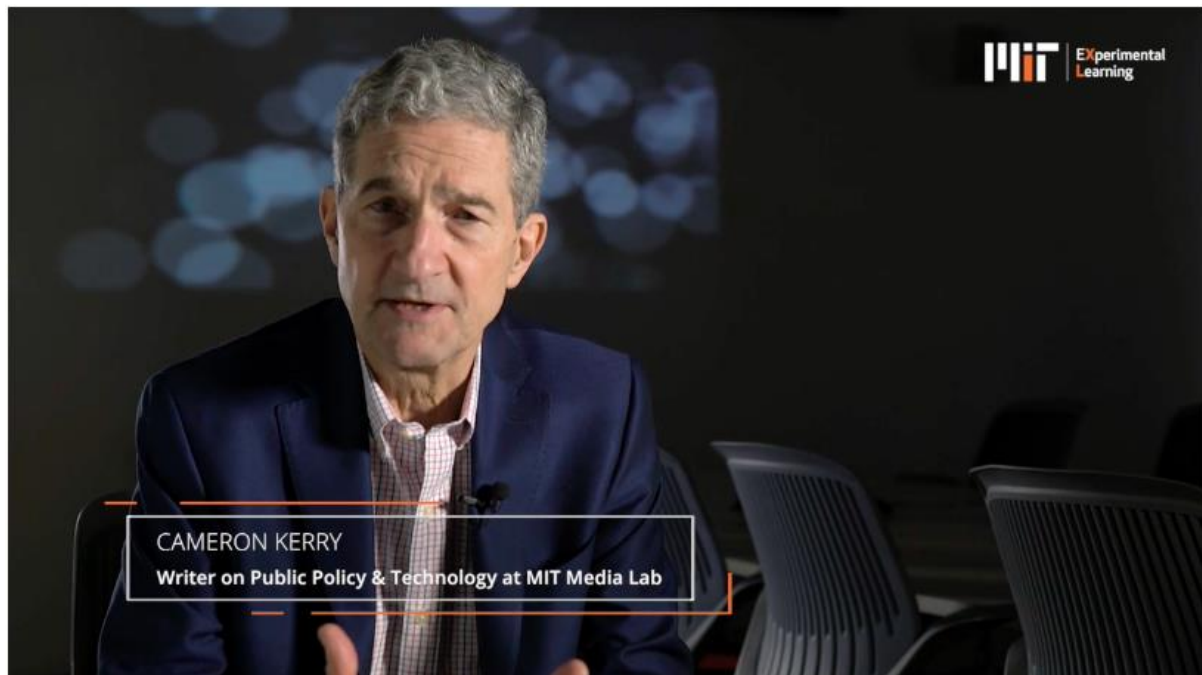
Title: Data privacy concepts, rules and policies

As big data grows in popularity and becomes increasingly accurate at predicting human behavior, so too has the need for privacy of personal data become more important. In video 6 below, Professor Alex Pentland introduces the concept of data privacy and why it's necessary.



Video 6: Alex Pentland - Intro to data privacy.
(To download this video, [click here.](#))

Following Professor Pentland's introduction to data privacy, Videos 7 and 8 feature Cameron Kerry, writer on Public Policy and Technology at the MIT Media Lab, who further elaborates on the concepts, rules and policies of data privacy in the United States and European Union.



Video 7: Cameron Kerry - Basic concepts of data privacy.
(To download this video, [click here.](#))



Video 8: Cameron Kerry - Rules and policies.
(To download this video, [click here.](#))

The laws and policies surrounding data privacy differ around the world. As Cameron Kerry discussed in Video 8, the United States and European Union have implemented comprehensive data privacy policies. For insights into the data privacy rules and regulations specific to each nation, view the [Data Protection Laws of the World](#) resource.



Resource 1: The Global Data Protection Handbook. (Source: <https://www.dlapiperdataprotection.com/index.html#handbook/world-map-section>)

Using the knowledge you gained from watching Videos 6, 7 and 8, and from engaging with the above web resource, you will be ready to participate meaningfully in the class-wide and small group discussion forums in Unit 2.



You are now ready to apply your knowledge

Now that you've engaged with Videos 6, 7 and 8, and the Global Data Protection Handbook, you are ready to apply your newly gained knowledge by completing the corresponding activities in the Apply unit. You can access these activities by navigating back to your module learning path, or click to access them directly from here:

1.6 Class-wide discussion forum: How protective are you over your data?

1.8 Small group discussion forum: What does your location data mean to you?