

BIG DATA, MACHINE LEARNING, AND THEIR REAL WORLD APPLICATIONS

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Outline

Week 01, 06/28 - 07/04, Day 1

Monday (Pre-Session Readings and Assignments):

- Participate in the Getting Acquainted discussion forum before the Class Session.
 - Summarize your current thoughts on machine learning for us in a sentence or two. (*... be prepared to discuss in class.*)

Monday (morning session ~ 9:10am to 11:00am):

- Introduce instructor and summarize the course.
- Students introductions. Tell us who you are, your background in machine learning, any specific interests that motivated you into joining the program, etc.
- Review the Syllabus

Monday (afternoon session ~ 1:10pm to 3:00pm):

- Introduction to big data discussion.
 - Structured (*Quantitative, Qualitative*)

Monday (Post-Session Readings and Assignments):

- Search the internet for potential quantitative and qualitative data sources (*include a list of at least 5 data sources, make sure to record the URL so we can locate them later on.*).
 - *Note, in class we discussed a few potential sources of data.*

Introduction to Big Data

You can locate the introduction to big data @ the following:

- 02_lecture_intro.big.data