

BIG DATA, MACHINE LEARNING, AND THEIR REAL WORLD APPLICATIONS

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Outline

Week 02, 07/05 - 07/11, Day 6

Monday (Pre-Session Readings and Assignments):

- Access the supporting scripts in the following github repo you cloned yesterday @ 07_classical_ml.
- Send a copy of your knitted assignment3 to the instructor before the start of the morning session.

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

- Application and Reporting of Classical Machine Learning Algorithms for Supervised Problems using Structured Data
 - Architect and train supervised classification and regression (*time series*) models in R and Python.
 - * Evaluate the performance of the trained model states.
 - * Discuss Use Cases for Potential Machine Learning Project Ideas.

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

- Application and Reporting of Classical Machine Learning Algorithms for Unsupervised Problems using Structured Data
 - Architect and train unsupervised classification models in R and Python.
 - * Evaluate the performance of the trained model states.
 - * Discuss Use Cases for Potential Machine Learning Project Ideas.

Monday (Post-Session Readings and Assignments):

- Prepare for tomorrow as discussed in class.