Machine Learning for Data Science

2019/2020

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|  |  | ***ONLINE TEACHING and LEARNING*** |  |
| 6 | April 27  (LIVE) | Revision  Give Project Question  WEKA – Naïve Bayes  Linear and Logistic Regression  Activity - Lab – Linear regression & Logistic Regression |  |
| 7 | May 4 | **(May 5) Submit Project Preliminary – Slide (5%)**  Decision Trees  Random Forest  Ensemble Method – Bagging  Activity - RF and RF-bagging | Submit via Spectrum |
| 8 | May 11 | Decision Trees  Random Forest  Ensemble Method – Bagging  Activity - RF and RF-bagging |  |
| 9 | May 18  (LIVE) | **Mid Term – 15% (1 Hour) - Online (Chap 1 – Random Forest)** | Submit via Spectrum |
| 10 | May 25 | **Public Holiday** |  |
| 11 | June 1 | Neural Network – Multilayer Perceptron  **Activity - Lab**  **Quiz – 5% (15 minutes) (Either WEKA or Calculation)** |  |
| 12 | June 8 (LIVE) | Unsupervised : Clustering – K-means  Lab - Homework  **Industry Lecture (Tentative)**  **ONLINE EXAM ASSESSMENT – 20%** |  |
| 13 | June 15 | Project Submission  Give mini assignment (EXAM) | Spectrum |
| 14 | June 23 | Mini assignment (20%) – 1 week due | Spectrum |
| 15 | EXAM | Case Study (10%) – Online/1 Hour | Spectrum |