

Analytics and Systems of Big data

| Lecture | Topic | PDF | Video |
|-------------|--|------------------------|-------------------------|
| Lec 1 6/1 | Overview and Eval pattern | Slides | Lecture |
| Lec 2 7/1 | Introduction | Slides | Lecture |
| Lec 3 8/1 | Applications | Slides | Lecture |
| Lec 4 13/1 | Intro to Data Analytics | Slides | Lecture |
| Lec 5 15/1 | Descriptive Stats and Data Representation Mechanisms | Slides | Lecture |
| Lec 6 20/1 | Dot, Stem-leaf & Box Plots | Slides | Lecture |
| Lec 7 21/1 | Boxplot Interpretation | Slides | Lecture |
| Lec 8 22/1 | KDD Phases | Slides | Lecture |
| Lec 9 27/1 | Data Preprocessing | Slides | Lecture |
| Lec 10 28/1 | ARM | Slides | Lecture |
| Lec 11 29/1 | FPM Apriori | Slides | Lecture |
| Lec 12 3/2 | FPM Apriori 2 | Slides | Lecture |
| Lec 13 4/2 | FPM Apriori 3 | Slides | Lecture |
| Lec 14 5/2 | FP growth | Slides | Lecture |
| Lec 15 10/2 | FP-Trace I | Slides | Lecture |
| Lec 16 11/2 | FP-Trace II | Slides | Lecture |
| Lec 17 12/2 | DIC | Slides | Lecture |
| Lec 18 17/2 | DIC and DHP | Slides | Lecture |
| Lec 19 18/2 | Apriori Transaction Reduction and CFI,MFI | Slides | Lecture |
| Lec 20 19/2 | Vertical Transaction Reduction | Slides | Lecture |

Useful links:

- Mining massive datasets (course+book) - <http://www.mmms.org/>
- For apriori trace - [link](#)
- For FP-Growth trace - [link](#)