

# Analytics and Systems of Big data

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

## Useful links:

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