Analytics and Systems of Big data

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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
Lec 21 24/2	CFI-Aclose Intro	Slides	Lecture
Lec 22 25/2	Aclose & Pincer	Slides	Lecture
Lec 23 26/2	Data Classification	Slides	Lecture
Lec 24 10/3	Decision Tree Induction	Slides	Lecture
Lec 25 11/3	Decision Tree II	Slides	Lecture

Lecture	Topic	PDF	Video
Lec 26 12/3	Classifier Evaluation Measures	Slides	Lecture
Lec 27 15/3	NBC	Slides	Lecture
Lec 28 17/3	NBC Laplacian Correction & GA Intro	Slides	Lecture
Lec 29 18/3	GA	Slides	Lecture
Lec 30 19/3	Big data & Hadoop	Slides	Lecture
Lec 31 24/3	GA	Slides	Lecture
Lec 32 25/3	GA Schema theorem	Slides	Lecture
Lec 33 26/3	GA	Slides	Lecture
Lec 34 31/03	Bucket Brigade Classifier	Slides	Lecture
Lec 35 01/04	BBC and Spark intro	Slides	Lecture
Lec 36 07/04	NN	Slides	Lecture
Lec 37 08/04	NN-Logic gates	Slides	Lecture
Lec 38 09/04	Spark Programming	Slides	Lecture
Lec 39 13/04	NN- BackProp	Slides	Lecture
Lec 40 15/04	Clustering K-Means	Slides	Lecture
Lec 41 16/04	Hierarchial Clustering	Slides	Lecture
Lec 42 21/04	Distance Measures	Slides	Lecture
Lec 43 22/04	DBScan and LSH	Slides	Lecture

Useful links:

- Mining massive datasets (course+book) - http://www.mmds.org/
- For apriori trace - link
- For FP-Growth trace - link
- For Hadoop - refer Installation steps Example file
- Evolutionary algo link
- Hybrid Decision Tree gen link
- Spark Prog Installation Example