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KNIME

Big Data Course for
KNIME Analytics Platform

Agenda

November 1, 2017. Austin, TX.



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Breakfast and Introductions	9:00 – 10:00	Coffee, cakes, and a chance to chat
Introduction	10:00 – 10:30	Introduction to KNIME Analytics Platform Goal of this Course Installing the Big Data Extensions License Installation and View
Let's practice first on a traditional database	10:30 – 13:00	Database Extension Database Port Types Connecting to a Database and Importing Data In-Database Processing Predicting Income Values with KNIME Writing/Loading Data into a Database
	13:00 – 14:00	Lunch
Quick Intro to Hadoop	14:00 – 15:00	Apache Hadoop Hadoop Ecosystem: <ul style="list-style-type: none"> • HDFS • YARN • HIVE • Spark
1-2-3. In-Database Processing on Hadoop	15:00 – 15:30	KNIME Big Data Connectors Writing/Loading Data into Hadoop HDFS File Handling Preprocessing on Hadoop – Case Study
	15:30 – 16:00	Break
Ready for Spark?	16:00 – 17:30	KNIME Spark Executor Importing Data from KNIME/Hadoop Preprocessing with Spark Machine Learning with Spark Exporting Data back into KNIME/Hadoop
Conclusions	17:30 – 18:00	Summary Want to try it at home? Q&A to explore previous topics in more detail