

Big Data Course for KNIME Analytics Platform November 7, 2018 – AT&T Conference Center, Austin TX

Registration Coffee & Snacks	9:00 – 10:00	
Introduction	10:00 – 11:30	Introduction to the KNIME Analytics Platform Goal of this Course Installing the Big Data Extensions License Installation and View
Let's practice first on a traditional database	11:30 – 12:30	Database Extension Database Port Types Connecting to a Database and Importing Data In-Database Processing Predicting Values with KNIME Writing/Loading Data into a Database
Quick Intro to Hadoop	12:30 – 13:00	Apache Hadoop
	13:00 – 14:00	Lunch
Quick Intro to Hadoop contd.	14:00 – 14:30	Hadoop Ecosystem: <ul style="list-style-type: none"> • HDFS • YARN • Map Reduce • HIVE • Spark
1-2-3. In-Database Processing on Hadoop	14:30 – 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 – 17:00	KNIME Spark Executor Importing Data from KNIME/Hadoop Preprocessing with Spark Machine Learning with Spark Exporting Data back into KNIME/Hadoop
Conclusions	17:00 – 18:00	Summary Want to try it at home? Q&A to explore previous topics in more detail