

Big Data Course for KNIME Analytics Platform November 6, 2018 – AT&T Conference Center, Austin TX

Registration Coffee & Snacks	9.00–10.00 AM	
Introduction	10.00–11.30 AM	Introduction to the KNIME Analytics Platform Goal of this Course Installing the Big Data Extensions Today's Example: Missing Values Strategy
Let's practice first on a traditional database	11.30–12.30 PM	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	12.30–1.00 PM	Apache Hadoop
	1.00–2.00 PM	Lunch
Quick Intro to Hadoop contd.	2.00–2.30 PM	Hadoop Ecosystem: <ul style="list-style-type: none"> • HDFS • YARN • Map Reduce • HIVE • Spark
In-Database Processing on Hadoop	2.30–3.30 PM	KNIME Big Data Connectors Writing/Loading Data into Hadoop HDFS File Handling Preprocessing on Hadoop – Case Study
	3.30–4.00 PM	Break
Ready for Spark?	4.00–5.00 PM	KNIME Spark Executor Importing Data from KNIME/Hadoop Preprocessing with Spark Machine Learning with Spark Exporting Data back into KNIME/Hadoop
Conclusions	5.00–6.00 PM	Examples Conclusions Q&A to explore previous topics in more detail
	7.00 PM	Welcome Courtyard BBQ Dinner (AT&T)