Big Data Course for KNIME Analytics Platform
May 18, 2018 – Berlin

Breakfast and Introductions	9:00 – 9:30	Coffee, cakes, and a chance to chat
Introduction	9:30 – 10:00	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	10:00 – 12:00	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
	12:00 – 13:00	Lunch
Quick Intro to Hadoop	13:00 – 14:00	Apache Hadoop Hadoop Ecosystem: • HDFS • YARN • Map Reduce • HIVE • Spark
1-2-3. In-Database Processing on Hadoop	14:00 – 15:00	KNIME Big Data Connectors Writing/Loading Data into Hadoop HDFS File Handling Preprocessing on Hadoop – Case Study
	15:00 – 15:30	Break
Ready for Spark?	15:30 – 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