



Open for Innovation [®]

KNIME

KNIME Big Data Training

March 14, 2017. Hotel Berlin, Berlin



KNIME Big Data Training Agenda

March 14, 2017. Hotel Berlin, Berlin

Breakfast and Introductions	9:00 – 10:00	Coffee, cakes, and a chance to chat
Introduction	10:00 – 10:30	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	10:30 – 12:00	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
	12:00 – 13:00	Lunch
Quick Intro to Hadoop	13:00-13:30	Apache Hadoop Hadoop Ecosystem: <ul style="list-style-type: none"> • HDFS • YARN • HIVE • Spark
1-2-3. In-Database Processing on Hadoop	13:30-15:00	KNIME Big Data Connectors Writing/Loading Data into Hadoop HDFS File Handling Pre-processing on Hadoop – Case Study
	15:00 – 15:30	Break
Ready for Spark?	15:30-17:30	KNIME Spark Executor Importing Data from KNIME or Hadoop Pre-processing 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