Agenda

Big Data Course for KNIME Analytics Platform

	9:00 – 10:00	**Registration, Coffee, Breakfast**
Introduction	9:30 – 10:00	Introduction to 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	10:00 – 12:00	Database Extension Database Port Types Connect to a Database and Import Data In-Database Processing Predicting Values with KNIME Write/Load Data into a Database
	12:00 – 1:00	**Lunch**
Quick Intro to Hadoop	1:00 – 2:00	Apache Hadoop Hadoop Ecosystem: • HDFS • YARN • Map Reduce • HIVE • Spark
In-Database Processing on Hadoop	2:00 – 3:00	KNIME Big Data Connectors Write/Load Data into Hadoop HDFS File Handling Preprocessing on Hadoop: Case Study
	3:00 – 3:30	**Coffee Break**
Ready for Spark?	3:30 – 5:00	KNIME Spark Executor Import Data from KNIME/Hadoop Preprocessing with Spark Machine Learning with Spark Export Data back into KNIME/Hadoop
Summary	5:0 – 5:30	Examples Conclusions Q&A

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