

Big Data Course for KNIME Analytics Platform March 19, 2019 – Berlin

	9:00 – 10:00	Registration, Coffee, Breakfast
Introduction	10:00 – 10:30	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	10:30 – 12:30	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
	12:30 – 1:30	Lunch
Quick Intro to Hadoop	1:30 – 2:30	Apache Hadoop Hadoop Ecosystem: <ul style="list-style-type: none"> • HDFS • YARN • Map Reduce • HIVE • Spark
In-Database Processing on Hadoop	2:30 – 3:30	KNIME Big Data Connectors Write/Load Data into Hadoop HDFS File Handling Preprocessing on Hadoop: Case Study
	3:30 – 4:00	Coffee Break
Ready for Spark?	4:00 – 5:30	KNIME Spark Executor Import Data from KNIME/Hadoop Preprocessing with Spark Machine Learning with Spark Export Data back into KNIME/Hadoop
Summary	5:30 – 6:00	Examples Conclusions Q&A
	6:00 (close)	Free evening to explore Berlin

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