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**KNIME**

## KNIME User Training Beginners Agenda

March 13, 2017, Hotel Berlin, Berlin



# KNIME User Training – Beginners – Agenda

## March 13, 2017. Hotel Berlin, Berlin

<b>Breakfast and Introductions</b>	09:00 – 10:00	<b>Coffee, cakes, and a chance to chat</b>
<b>Introduction to KNIME</b>	10:00 – 10:15	Introduction Installing KNIME The KNIME Workbench Preview of the “Next Best Offer” workflow
<b>Importing Data</b>	10:15 – 11:00	Data Source nodes Reading files Connecting to a database
<b>Data Manipulation &amp; Data Aggregation</b>	11:00 – 12:00	Data manipulation nodes Aggregation (GroupBy) Data integration, Join
	12:00 – 13:00	<b>Lunch</b>
<b>Data Visualization &amp; Highlighting</b>	13:00 – 13:30	Interactivity, Highlighting Interactive view nodes JavaScript visualization nodes Graphics from R
<b>Data Mining</b>	13:30 – 14:30	Process overview Learner/Predictor motif Creating test and training sets An example: Decision trees Model evaluation: Scoring and RoC
<b>Integrating External Tools</b>	14:30 – 15:00	Scripting (Java, Python, R) Web services External tool node
	15:00 – 15:30	<b>Break</b>
<b>Integrating External Tools (contd.)</b>	15:30 – 16:00	JSONPath/XPath Big Data (Hive, HDFS, Spark)
<b>Data Export &amp; Reporting</b>	16:00- 17:00	File writer nodes Database write/update Reporting
<b>Summary &amp; Catch-up</b>	17:00 – 18:00	Summary of materials covered Q&A Session
	19:00	<b>Dinner, hosted by KNIME</b>