

KNIME Analytics Platform Course for Beginners June 3, 2019 – Zurich

	9:00 – 10:00	Registration, Coffee, Breakfast
Introduction to KNIME	10:00 – 10:30	Introduction Installing KNIME Analytics Platform The KNIME Workbench Preview of the “Next Best Offer” Workflow
Importing Data	10:30 – 11:15	Data Source Nodes Reading Files Connecting to a Database
Data Manipulation and Data Aggregation	11:15 – 12:30	Data Manipulation Nodes Aggregation (Groupby) Data Integration, Join
	12:30 – 1:30	Lunch
Data Visualization	1:30 – 2:15	Visualization Nodes Interactivity Interactive View Nodes Graphics from R
Data Mining	2:15 – 3:30	Process Overview Learner/Predictor Motif Creating Test and Training Sets Model Evaluation: Scoring and RoC
	3:30 – 4:00	Coffee Break
Integrating External Tools	4:00 – 4:45	Scripting (Java, Python, R) Web Services JSONpath/XPath Big Data (Hive, HDFS, Spark)
Data Export and Reporting	4:45 – 5:30	File Writer Nodes Database Write/Update Reporting
Summary and Catch-up	5:30 – 6:00	Summary of Materials Covered Q&A
	6:00 (close)	