

IoT Analytics Course for KNIME Analytics Platform April 16, 2018 – Stuttgart

Breakfast / Introductions	9:00 – 9:30	
What is the Internet of Things?	9:30 – 10:00	Introduction
Key Concepts of Advanced Analytics	10:00 – 11:15	Advanced Analytics Processes Fields of Application, Challenges
KNIME Analytics Platform	11:15 – 11:30	Advanced Analytics Algorithms with KNIME Analytics Platform
Presentation of IoT Demo Use Case	11:30 – 12:00	Raw Data and Origin Set-up
Lunch	12:00 – 13:00	
Data Acquisition & KNIME DSP Nodes	13:00 – 14:00	Getting Started with KNIME DSP Nodes (donated by AI.Associates)
Feature Engineering	14:00 – 15:00	Introduction to Feature Engineering Feature Engineering Techniques
Break	15:00 – 15:30	
Application of Machine Learning	15:30 – 16:30	Application of Decision Tree & Random Forest
Model Assessment, Model Comparison, and Model Deployment	16:30 – 17:15	Assessment of KPIs Assessment Charts Model Comparisons
Model Deployment	17:15 – 17:30	Q&A