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KNIME

IoT Analytics Course for
KNIME Analytics Platform

Agenda - July 12, 2017

AdvancedAnalytics.Academy, Stuttgart



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Breakfast and Introductions	09:00 – 09:30	Coffee, cakes, and a chance to chat
IoT Analytics Introduction	09:30 – 10:00	Introduction
Presentation of IoT Demo Use Case	10:00 – 10:15	Raw Data & Origin Set Up
Introduction to Digital Signal Processing (DSP)	10:15 – 11:45	DSP, Sampling, Windowing, Window Functions, FFT
	11:45 – 12:45	Lunch
KNIME DSP Nodes	12.45 – 13:45	Getting started with KNIME DSP Nodes (donated by AI.Associates)
Feature Engineering	13:45 – 14:45	Introduction to Feature Engineering Feature Engineering Techniques
	14:45 – 15:00	Break
Application of Machine Learning	15:00 – 16:00	Application of Decision Tree & Random Forest
Model Assessment, Model Comparison & Model Deployment	16:00 – 17:00	Assessment KPIs Assessment Charts Model Comparison
Model Deployment	17:00 – 17:15	Q&A
	17:15 (close)	

