



KNIME User and Reporting Training

January 30 - 31, 2012, Zurich, Switzerland

Monday January 30, 11:00 am – 6:00 pm, Technopark Zurich, Room Fortran

## KNIME User Training Day 1

Start	End	Topic
10:00 am	11:00 am	Registration
11:00 am		Introduction and Welcome
11:00 am	12:30 pm	KNIME Overview
12:30 pm	1:30 pm	<b>Lunch</b>
1:30 pm	2:45 pm	Data Preprocessing
2:45 pm	3:30 pm	Ports & Database Nodes
3:30 pm	4:00 pm	<b>Coffee break</b>
4:00 pm	5:00 pm	Data Mining in KNIME
5:00 pm	6:00 pm	Scripting Nodes
6:00 pm		End of Day 1
7:00 pm		Dinner

### **KNIME Overview\***

Installation & Update, Workbench, Node Repository Overview, Views and Hiliting  
Duration: 90 min

### **Data Preprocessing\***

Overview Data Manipulation Nodes, Simple to Advanced Preprocessing  
Duration: 75 min

### **Ports & Database Nodes\***

Port Concept, Database Ports and Connections  
Duration: 45 min

### **Data Mining in KNIME\***

Module Overview, Learner & Predictor Concept, Feature Elimination, Cross-Validation  
Duration: 60 min

### **Scripting Nodes\***

Scripting with Java Snippet, Python, and Math Formulas nodes  
Duration: 60 min

\*This session includes hands-on

Tuesday January 31, 9:00 am – 6:00 pm, Technopark Zurich, Room Fortran

## KNIME User Training Day 2

Start	End	Topic
9:00 am	9:45 am	R-Integration / Weka Integration
9:45 am	11:00 am	Loops and Flow Control I
11:00 am	11:30 am	<b>Coffee break</b>
11:30 am	12:30 pm	Loops and Flow Control II
12:30 pm	1:00 pm	Batch Execution
1:00 pm	2:00 pm	<b>Lunch</b>

### R-Integration / Weka Integration\*

R Nodes, Weka Learner and Predictor

Duration: 45 min

### Loops & Flow Control I & II\*

Introduction to flow variables, overview of workflow loops and switches

Duration: 135 min

### Batch Execution\*

Workflow Import/Export, batch mode for headless workflow execution (without GUI)

Duration: 30 min

## KNIME Reporting Training

Start	End	Topic
2:00 pm	2:30 pm	KNIME Reporting Overview & Introduction
2:30 pm	4:00 pm	Report Design I
4:00 pm	4:30 pm	<b>Coffee break</b>
4:30 pm	6:00 pm	Report Design II
6:00 pm		End of Day 2

### KNIME Reporting Overview & Introduction

KNIME Reporting Extension, Installation Update, KNIME vs. Reporting Perspective

Duration: 30 min

### Report Design I\*

BIRT's reporting functionality, Report Creation and Execution to generate reporting documents

Duration: 90 min

### Report Design II\*

Report Creation using Flow Variables to generate flexible reports

Duration: 90 min

\*This session includes hands-on