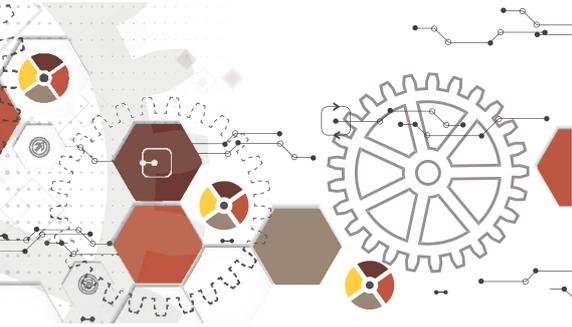# Automate Your Work with KNIME
free up your creative energy - no more repetitive work in Excel

This 2-day hands-on course is designed to provide you with the knowledge necessary to automate MS Excel work using KNIME. Entirely visual with no programming required, KNIME allows users to visually create data flows, selectively execute some or all analysis steps, and later inspect the results, models, and interactive views.

Target Audience

Anyone who works with MS Excel to produce reports and any other kind of repetitive task, including formulas, pivot tables, I/O from and to a variety of data sources. There are no specific technical knowledge prerequisites.

Content

Introduction to KNIME
- What is KNIME? / Who uses it? / What can we do with it?
- How does it compare to Excel? / Installation and technical details / Demo

Hands-On KNIME Workflows
- Reading and writing data from and to Text Files, Excel and Databases
- Sorting, Columns Renaming / Filtering: Numerical, String and NULL filtering
- Basic operations / Pivot tables / Text manipulation / File manipulation
- Date/Time: Conversion, Field Extraction
- Data quality: messy input data; implement basic and advanced verifications
- Reproduce Excel's V and HLookup
- Implement simple and complex joins across data sources
- Workflow synchronisation / Automate send emails

Case Study 1: Swiss Chocolate Factory

Case Study 2: Super Shoes

Working with KNIME as a team
- Node naming convention / KNIME Team Space / KNIME Server / Metanodes

Practical Details

2 full-day sessions or 4 half-day sessions
Available in English or French
The course is held at Quantum's facilities in Technopark Zürich
Participants will use their own laptop (please indicate if not possible)

Price

CHF 1990.– per person excl. VAT, for a minimum of 2 and maximum of 5 participants (More people? Please enquire at training@qbis.ch)

Date

On request

Register at

training@qbis.ch

About Quantum

Quantum is a data science and analytics company, located at Technopark in Zurich. We help clients to identify their most valuable customers, products, or services; determine potential risks; discover hidden potential in their markets; pinpoint and eliminate bottlenecks and inefficiencies; and provide other insights to steer their business. We do this by combining business experience and knowledge with the application, implementation and teaching of scientific methods of data analysis, data management, reporting and modern visualisation to turn data into information.

Quantum
The Story Behind the Numbers

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June 2018. Prices and conditions are subject to change without prior notice.