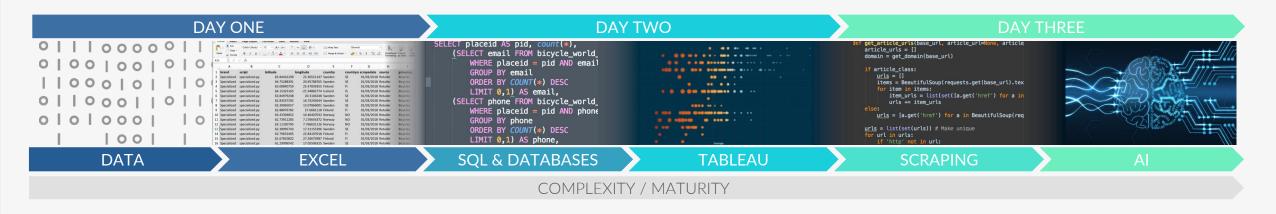






General structure of the three course days

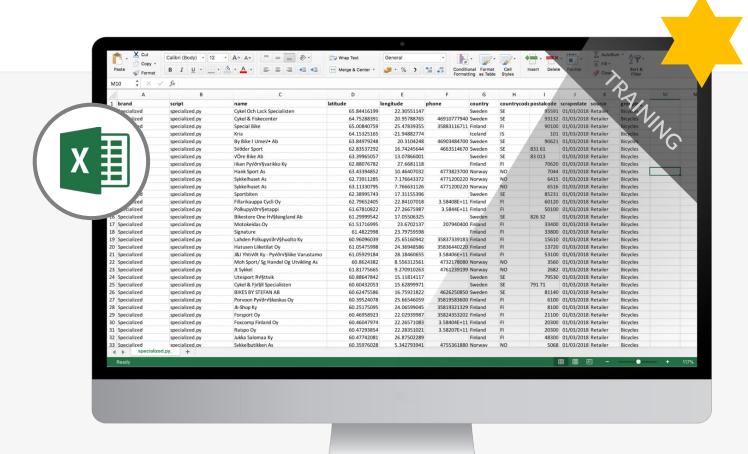


DATALAB

What will you learn?

Tools - Excel

- Formatting and editing data
- Learn new Excel functionalities and work more efficient
- Creating simple visualisations or dashboards



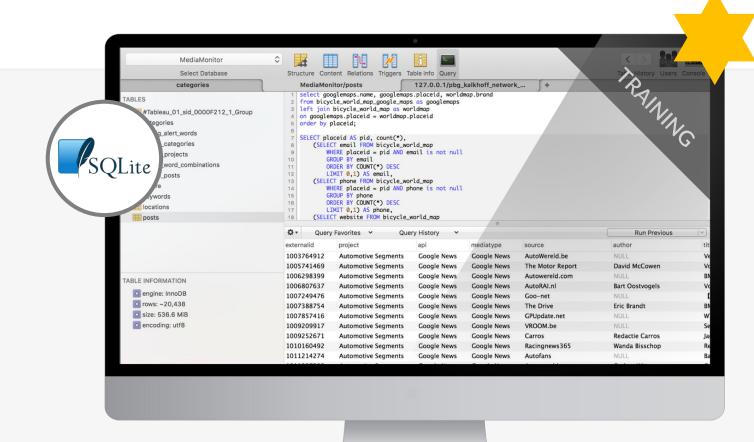
Extract Prepare Analyse Deliver



What will you learn?

Tools - SQL (database language)

- Storing data in databases
- Formatting and editing data
- Linking different data sources



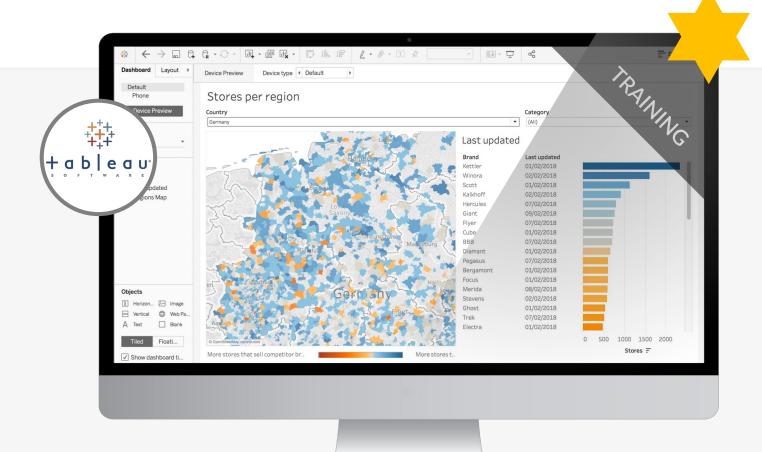
Extract Prepare Analyse Deliver



What will you learn?

Tools- Tableau

- Data exploration
- Visualization
- Creating and sharing dashboards



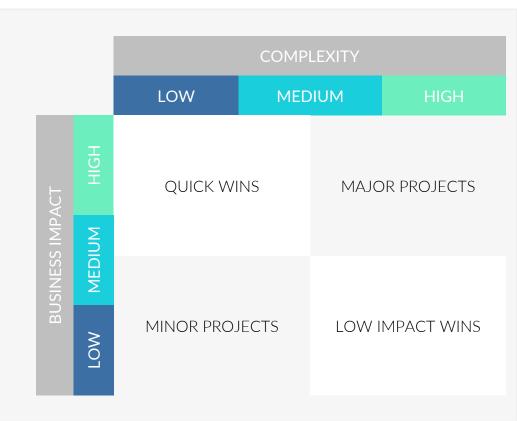
Extract Prepare Analyse Deliver



What will you learn?

Other skills

- Critical way of thinking towards data analytics
- Classification model and project planning model to capture, classify and execute business cases
- Data analytics framework to support a data analytics mindset (see next slide)
- Comprehensive overview of the techniques that are currently used and those that are on the rise





Data analytics framework

2. IMPACT OPPORTUNITIES



- Shared view on impact priorities
- Link to business strategy and objectives

1. DATA ANALYTICS CAPABILITIES



- People competences
- Data & Technology
- Models & Metrics



4. DATA-DRIVEN WAY OF WORKING



- Culture
- Mindsets
- Leadership ambition
- Behavior
- Collaboration



5. CHANGE ORCHESTRATION

Shared perspective and approach to roll-out across all key building blocks

- Organization
- Capabilities
- Opportunities
- Way of working

3. DATA ANALYTICS ORGANIZATION



- Size and structure
- Roles and responsibilities
- Key processes
- Governance and KPI's



Audience

The course will benefit management as well as operational employees. We would recommend to send employees from both levels as both have a crucial role in your business becoming more data driven.

- Management team: people that are able to see the big picture and manage the process
- Operations: people who are able to spot opportunities and take initiative in starting data analytics projects

Management



- Personnel in a position to determine goals and direction
- Personnel that sees the bigger picture and has a vision
- Strong focus on business value



Operational



- Employees that are able to spot opportunities
- Business people who already do some small analysis in e.g. Excel
- People who love to take initiative and kick-start projects



Audience

- Employees that like to experiment or start new initiatives (these can be small or big experiments/ initiatives)
- Eager learners that are curious and already have some interest in data analytics
- Employees that have ideas on how to improve their business, but who may lack technical skills to execute some of these ideas
- No knowledge in any of the tools is required, but an affinity with Excel or data analytics is good

Management



- Personnel in a position to determine goals and direction
- Personnel that sees the bigger picture and has a vision
- Strong focus on business value



Operational



- Employees that are able to spot opportunities
- Business people who already do some small analysis in e.g. Excel
- People who love to take initiative and kick-start projects



Morning

Afternoon

Introduction to data analytics, data analytics capabilities and your own dataset

Data quality, Excel exercises, inspiration by Datalab and impact opportunities



Morning

Afternoon

Data analytics organization, SQL & databases, SQL exercises and inspiration by Datalab

Data-driven way of working, visual analytics, Tableau demo and Tableau exercises



Morning

Afternoon

Web scraping, machine learning and AI, inspiration by Datalab and brainstorming on business cases

Work on your own data set and business case using Tableau



What to expect after the training

- Your employees will have a better understanding of data analytics and the possibilities this can bring for your business
- Participants develop their analytics skills and are therefore better equipped to start data analytics projects
- Participants will learn the framework for data-driven business transformation and are able to identify on quick wins
- Participants will have the skills to visualize their story and measure the business impact









What to expect from the Pon Datalab

- Two enthusiastic and experienced data scientists will train the group for three days
- While the training is on a technical subject, we will always trigger the participants to think about the business value and impact
- On day three, we let the participants brainstorm on possibilities for their own business and work with their own data to see where they can already add value in three days









Experiences so far

- Participants were able to see new ways of working, both in their day to day work and on a longer term
- Participants saw opportunities to save costly hours in their day-to-day work by using tools from the course
- Participants were inspired by possibilities on which they can start on the short term, but the training also sparked ideas about long term developments



















DATALAB



"I have been to many trainings in the past, but this is one of the best I have ever had."

> Graham Berry CFO Prochem



"A look into the future for your operations."

Somchai Virabhak
CEO QPM



















