



Data Analytics Concept Pre-study

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Data Analytics Concept Pre-study

Does your company or education institute have lazy data, which are collected continuously but not yet utilized in it's full potential? Do you feel like you have only part of the information available for your decisions because the information is scattered in different systems and silos? Or perhaps you have already connected IoT devices but not yet good solution to utilize the new data.

Data and analytics are the cornerstones of digitalization. We can help you to utilize data analytics where it matters to you most, for example

1. Knowledge management
2. Developing current products and services
3. Forming new services and business models

We will choose together the subject for which we will work out the concept covering:

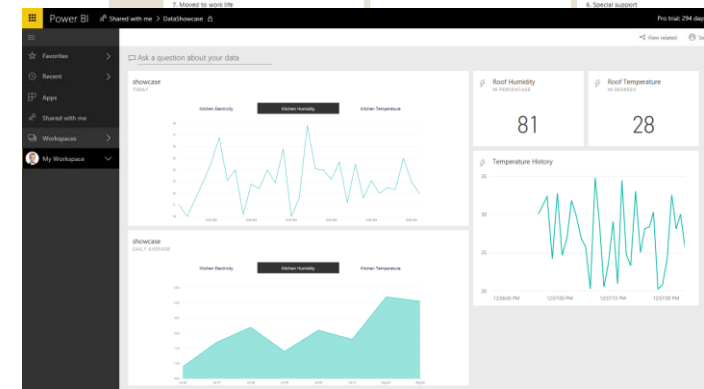
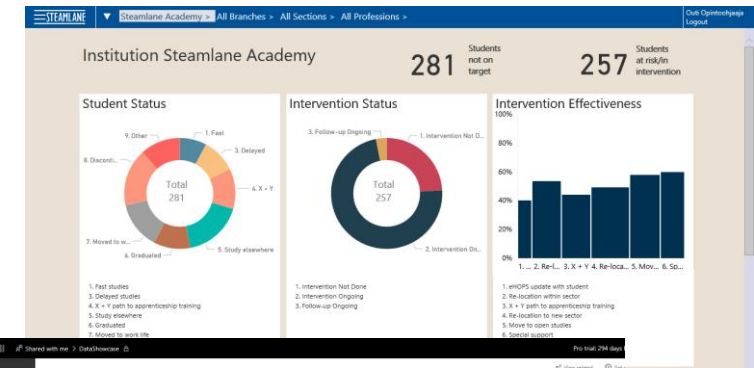
- Sharpening of the chosen objective
- Questions to be answered by data
- Data availability and sources
- Applicability of different data analytics methods
- Decisions and actions to be made with new insights from data
- Plan for agile solution development

We will have a workshop with you, interview your key people and bring to the project our know-how on cloud and data-analytics solutions. We can offer you an implementation after the pre-study.



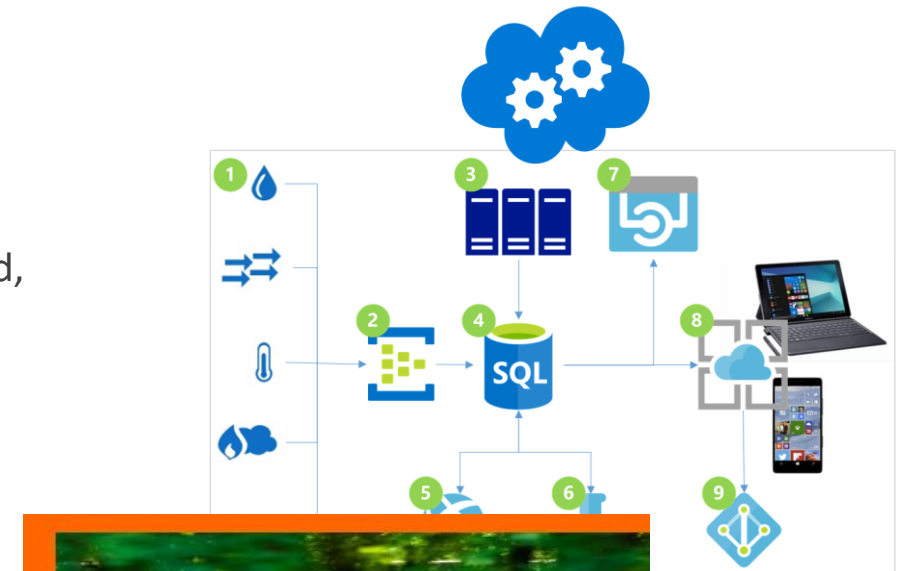
1. Knowledge management with data analytics

- Utilizing data in decisions and actions
 - Collecting data from different sources
 - Developing real time reports and dashboards (e.g. with PowerBI)
 - Developing predictions with data analytics, e.g. by using machine learning
 - Tools and practices for decision making and actions
- Internal information sharing
 - Dashboards and information sharing to personnel
- Other new ideas and current challenges



2. Developing current products and services with data analytics

- Analytics with data from IoT devices
 - Utilizing new data enabled by wireless IoT sensor solutions and cloud, applying analytics to e.g.:
 - Production control
 - Quality control
 - Traceability in production and logistics
 - Predictive maintenance
- Analytics with data from service processes
 - E.g. data from customer service processes
 - Data from sales and logistics
- Other new ideas and current challenges



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3. Forming new services and business models with data analytics

- Extending current business with services and creation of completely new services
 - Equipment or process remote monitoring service
 - Predictive maintenance and spare part service
 - Extension of a warranty
 - Logistics services optimized with production data
 - Traceable deliveries
 - Instant assembly services



We will bring our know-how to the project

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Sparring the change

- Digitalization – ideation and vision work
- Design of new services from an idea to implementation
- Development of business and revenue models
- Services for knowledge mgmt. and IT mgmt. to support implementation of the change

Cloud solution implementation

- Implementation of the services on cloud
- IT-system integrations
- Advanced data analytics
- Web and mobile applications
- Compliancy with information security and data protection incl. EU GDPR*

)* General Data Protection Regulation

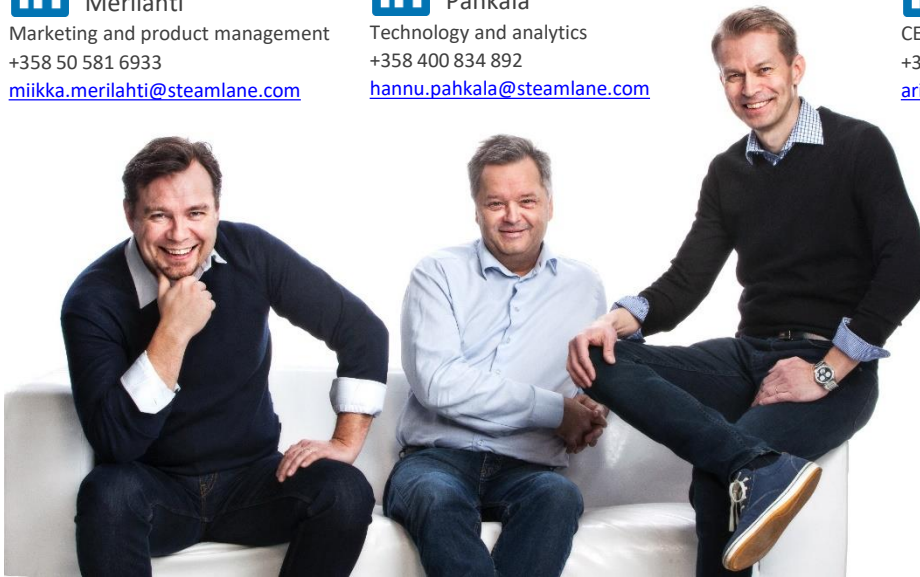
IoT- solution implementation

- IoT solution implementation with our partners
- Advanced sensors and wireless solutions
- Information security
- Life cycle support

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