

AI offering of the member companies of Analytics plus growth network

February 2019

Leila Saari

Aitosoft - Analytics visualisation platform

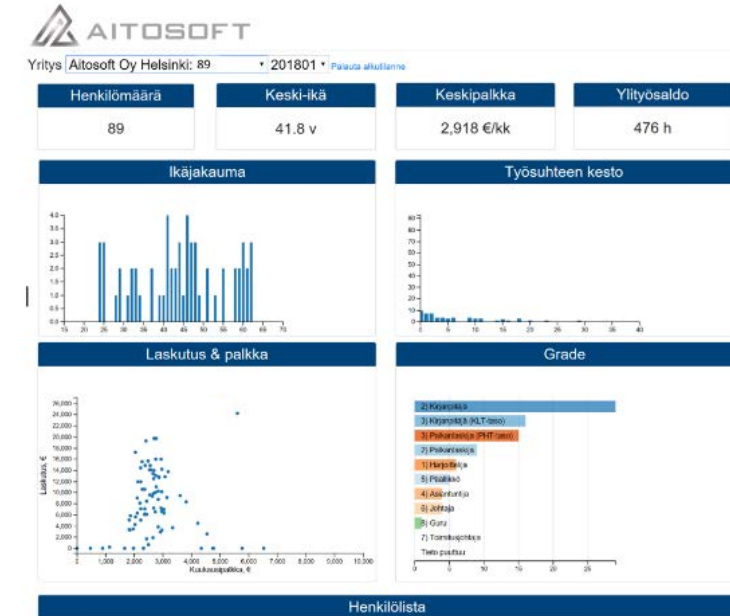
An extremely powerful Analytics platform for visualizing complex information. Easy to Use: No large report libraries, just a few clicks.

- Platform(s): Microsoft SQL server, Azure
- AI competences: Data Visualisation, Data Ingestion, Data munging
- Application domain(s): Can be used in any industry
- Public Reference: Tilipalvelu Rantalainen Oy

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Analytics⁺



Customized Machine Learning Solutions

Artific Intelligence provides customized machine learning programming and consulting to help your business discover the power of artificial intelligence.

- Platform(s): Python, R, Pandas, Scikit-learn, Keras, cloud
- AI competences: Machine learning, Data visualisation
- Application domain(s): Health, Science or technics, ICT, NLP
- References: Cell detection from microscope images, Predictive model for nodal metastasis of breast carcinoma, Hate speech detection system for Fazer marketing campaign

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Analytics⁺

We solve business problems with machine intelligence





Machine learning

We teach computers with data to:

- Predict phenomena
- Automate processes
- Detect anomalies



Data analysis and visualization

We extract actionable insights from your data.



Consulting

We help people understand what is AI and how to benefit from it.



A R T I F I C
I N T E L L I G E N C E



Avarea: Analytical Brains at Your Service

Business Advantages through Analytics.

- Platform(s): Python & R ML-libraries, MS Azure, SAS Viya, AWS
- AI competences: Fundamentals, Statistics, Data visualisation, Big data, Machine learning, Data wranglin & ingestion
- Application domain(s): Customer, profitability and IoT analytics
- References: Elisa Oyj, Helsingin Seudun Ympäristöpalvelut, Kone, Oyj, Posti Oy, ThirdPresence Oy, Valio Oy, Valmet Oyj, YIT Oyj

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Software Robotics will automise the manual work between various systems

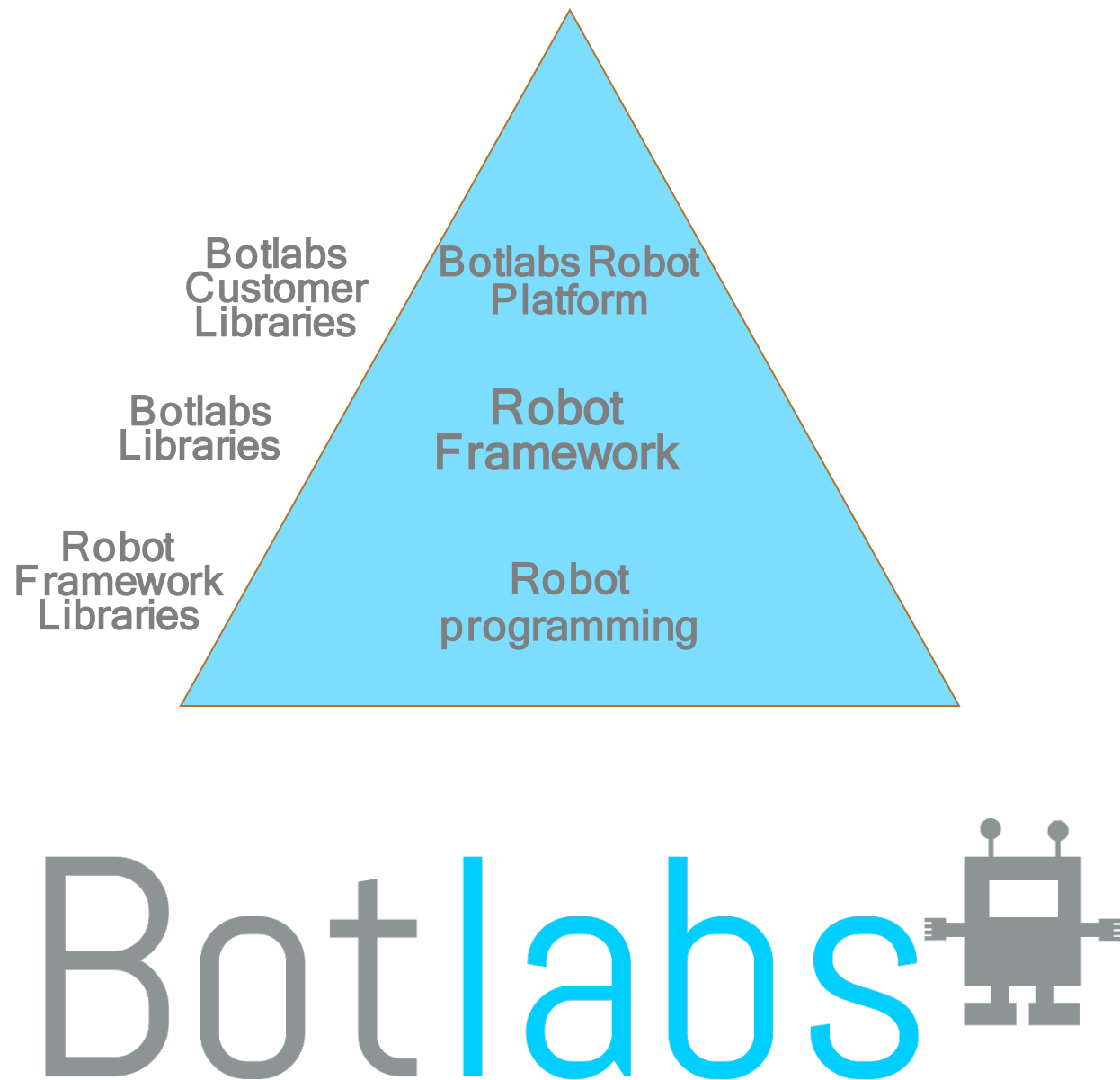
Botlabs will provide low cost software robotics for all companies and for all domains. We will automate information flow between different information systems, ERP, invoicing etc which you currently do manually. Monthly fee, no other costs and no changes for the SW systems you currently use.

- Platform(s): BotlabsRobotPlatform, RobotFramework
- AI competences: RoboticProcessAutomation (RPA), Software Robots
- Application domain(s): ICT

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Analytics⁺



Curious AI Digital Co-Worker

Our Vision is to make Digital Co-workers. Components which understand and automate knowledge tasks. Our Document Understanding product helps Enterprises in business process optimization. Our Industrial intelligence product helps process prediction, optimisation and process control.

- Platforms: Curious AI SaaS
- AI competences: Machine learning, Deep Learning
- Application domains: Industry(Production) , ICT, Enterprises, Auditing Firms
- References: Berggren & Neste Engineering Solutions-
<https://www.neste.com/neste-engineering-solutions-and-curious-ai-develop-advanced-ai-technology-process-industry>

Contacts:

Name - Apurva Dhawan

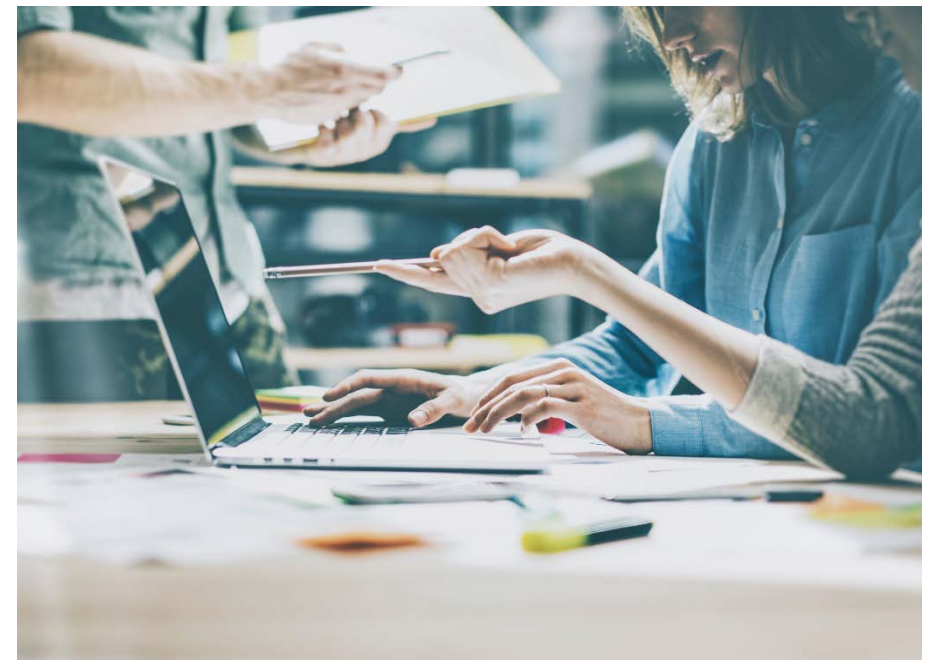
E-mail - sales@cai.fi

Phone - 0401427466

City - Helsinki

www.thecuriousaicompany.com

Analytics⁺



CURIOUS AI

Sense of your data

We are your trusted digital transformation and data analytics partner. We help you to achieve business performance improvements with hands on grip - from solution architecting to implementation and maintenance

Platform(s): Power BI, R, Azure, Python

AI competences: Data architectural design, Advanced data analytics, Statistics, Programming, Machine learning, Neural Networks, Data Visualization, Block chain technologies.

Domains: Transportation, water utilities, agriculture

References: Vainion liikenne, Pohjolan matka, Salo City IoT architecture, Sitra BDE, Salo water utilities ltd.

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Analytics⁺

Herman IT Data Center infrastructure is optimized for high performance computing and AI platforms

IBM Cloud Private for data is the building block and foundation for centralized data storing and transforming data to be ready for enhanced analytics and AI. Technology is platform agnostic and supports multi-cloud environments. Capability to provide expertise e.g. integrations to data sources, data preparation and visualization and building dashboards.

Herman IT Private Cloud enables public cloud tools and services in a private data center with transparent and forecastable pricing. Centralized cloud management covering public clouds e.g. AWS, IBM Cloud & Azure.

- Platforms: GPUs, X86, POWER9, IBM Cloud Private, IBM Cloud Private 4 Data, Containers
- AI competences: AI Platforms, Data Ingestion, Data Munging, Enhanced Analytics, Machine learning
- Application domain(s): Mining, Industry, Finance and Insurance, Machinery, Forest industry, ICT
- References: Curious AI, Valossa and several non-public references

Contacts:

Kari Maikkola & Veli-Antti Leinonen

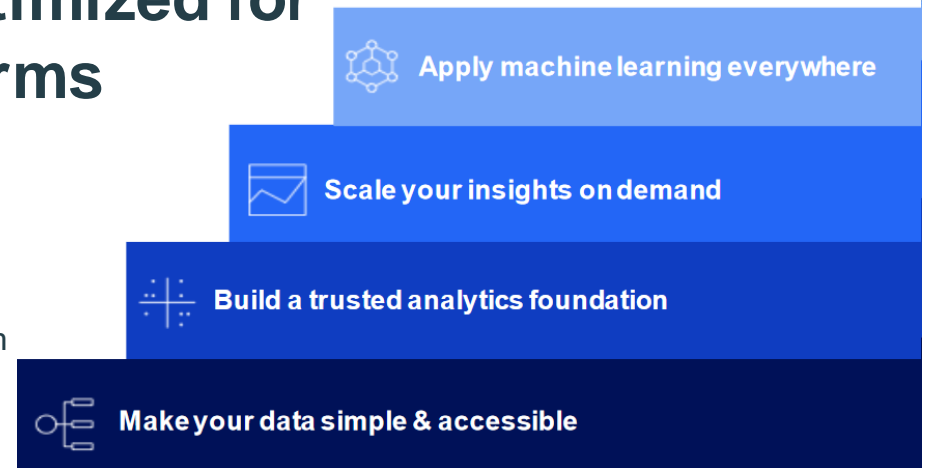
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Herman IT
STABLE. SECURE. IN FINLAND.

InnoVIBE Road Information System monitors road condition and classifies vehicles

Innofreaks builds an intelligent road infrastructure based on sensors which are placed in the road structure.

- Platform(s): cloud technology
- AI competences: patterns in data, Machine learning, Algorithms, optimisation
- Application domain(s): Logistics, (road) construction, Sports, Wellbeing
- References:

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Espoo

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Case: Real-time Video Stream Analysis

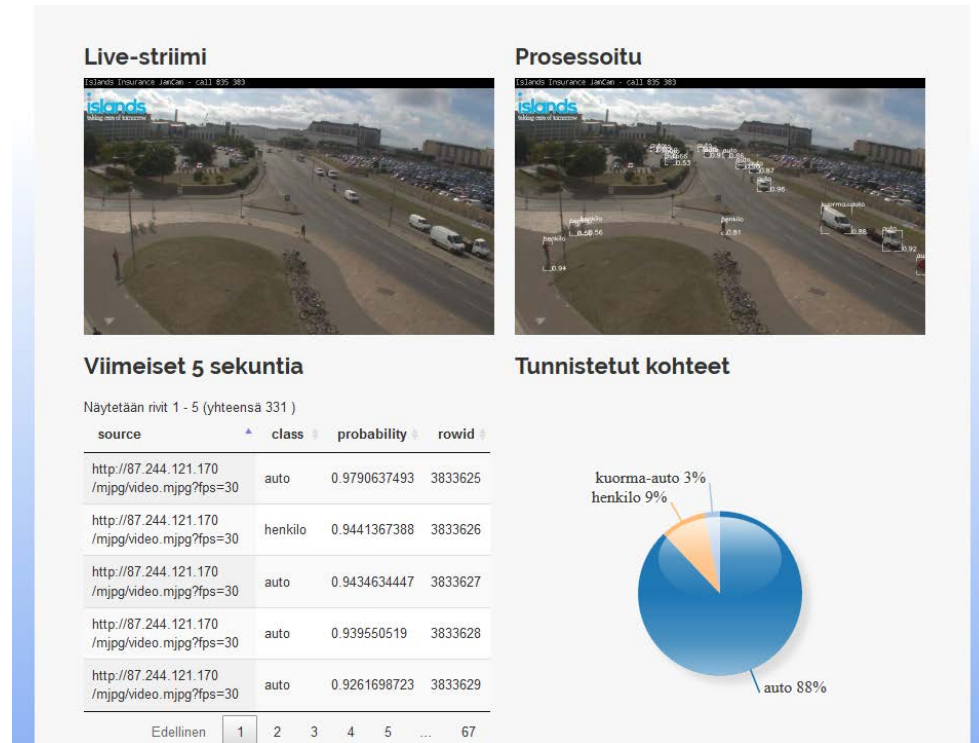
Picture and video identification and real-time process including fast forecasting

- Platform(s): Azure, Yolo, Kalman Filter, Social LSTM
- AI competences: Machine Learning, Open-source technologies
- Application domain(s): ICT, several industries
- References: <https://www.invenco.fi/video-stream-tietomassat-analysointi/>

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Analytics⁺



invenco

Smarten – Advanced Data Discovery tools

Just Sourcing is Nordic distributor and analytics consulting partner of Smarten Analytics Suite. We provide Smart Data Discovery tools including Augmented Analytics solution that provides sophisticated Self-Serve Tools and Guidance for the Business Users. Our easy-to-use Advanced Data Discovery Tools are suitable for all users from Business User to Data Scientist.

- Platform(s): Built on Apache Spark, runs on cloud and on-premise, R integration
- AI competences: ML, Big Data, Statistics, Data ingestion and visualisation
- Application domain(s): ICT, multiple domains
- References: Visma Public Oy

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Just Sourcing

Lingsoft Makes Language Digital – on Every Level

De Facto Standard of Language Analysis

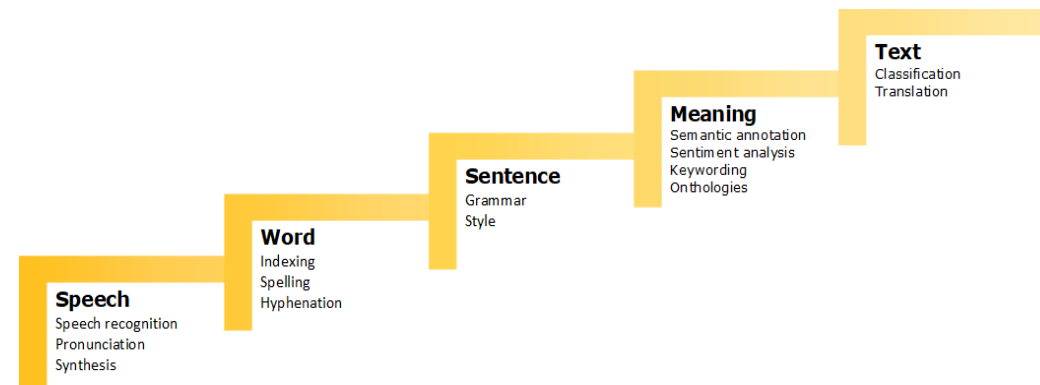
Lingsoft provides a wide range of services and solutions designed for the analysis, processing, production and management of spoken and written language. We help our customers understand, produce, find, create, use and edit linguistic information in a digital world filled with words.

Keywords: Accessibility, Discoverability, Productivity; Text Analytics, Speech Recognition, Machine Translation

- Platform(s): IBM Watson Explorer, Microsoft Office, Adobe InDesign and InCopy, Lingsoft LMC3.0 (API's available)
- AI competences: Machine learning, Text mining, NLP, Big Data
- Application domain(s): ICT, Finance and insurance, Science or technics, Management and support, Public, Education, Health, Media (and more)
- References: IBM, Microsoft, VRK/Suomi.fi, YLE, VSSH / Auria Palvelut, SYNLAB

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Lingsoft®

LANGUAGE MANAGEMENT

Analytics⁺

Acoustic and vibroacoustic applications and sensor solutions for IIOT customers

Melufoni® wireless stethoscope - a product example of embedded electronics, radio technology and energy efficient systems - is an excellent tool for fault detection and condition monitoring.

- Platform(s): Windows/Linux, embedded, MatLab, Python, Java, C++
- AI competences: Fundamentals, programming, machine learning, visualization and toolboxes
- Application domain(s): Science of technics, Industry
- References: e.g.

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Markku Salmela

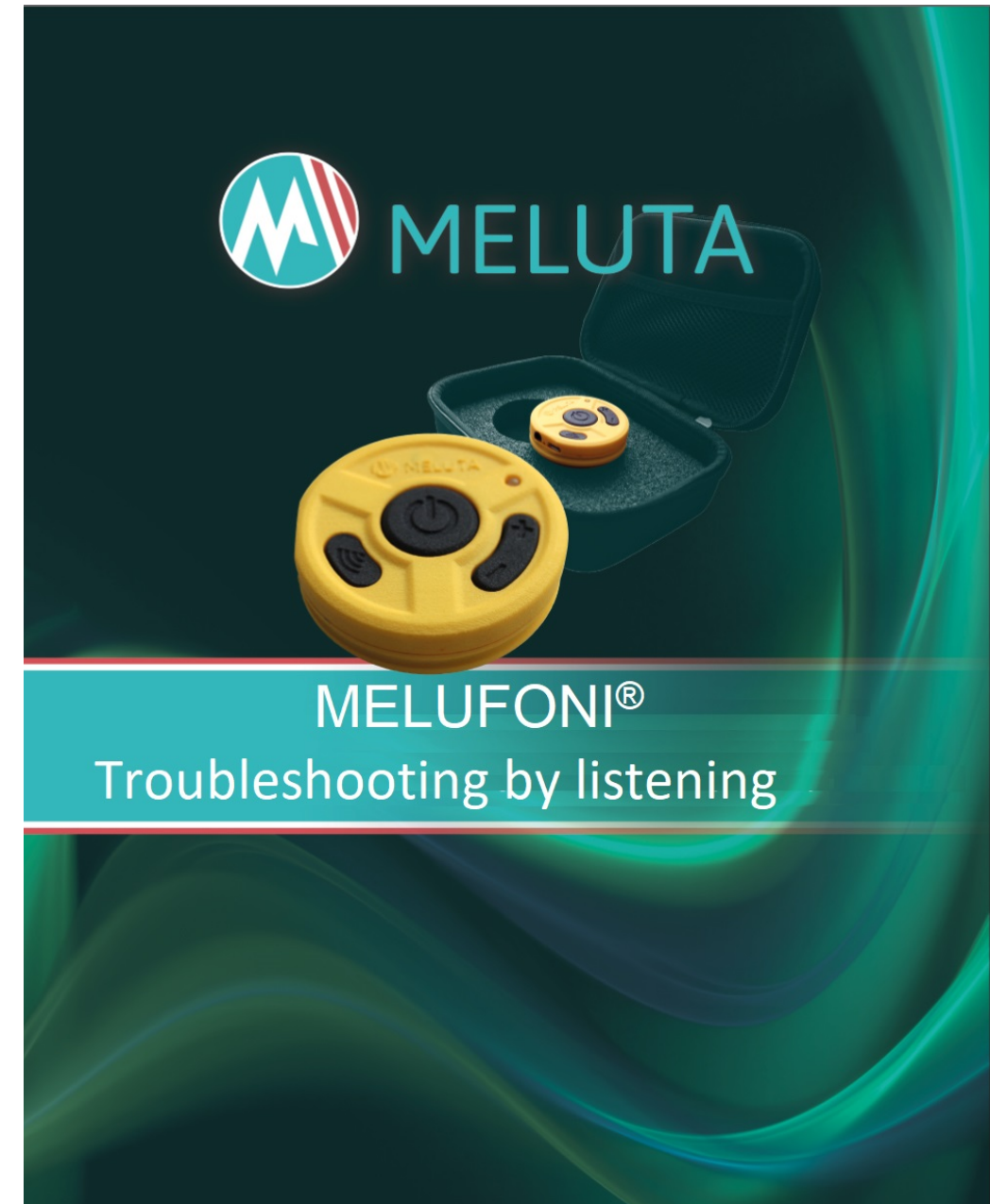
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Analytics⁺



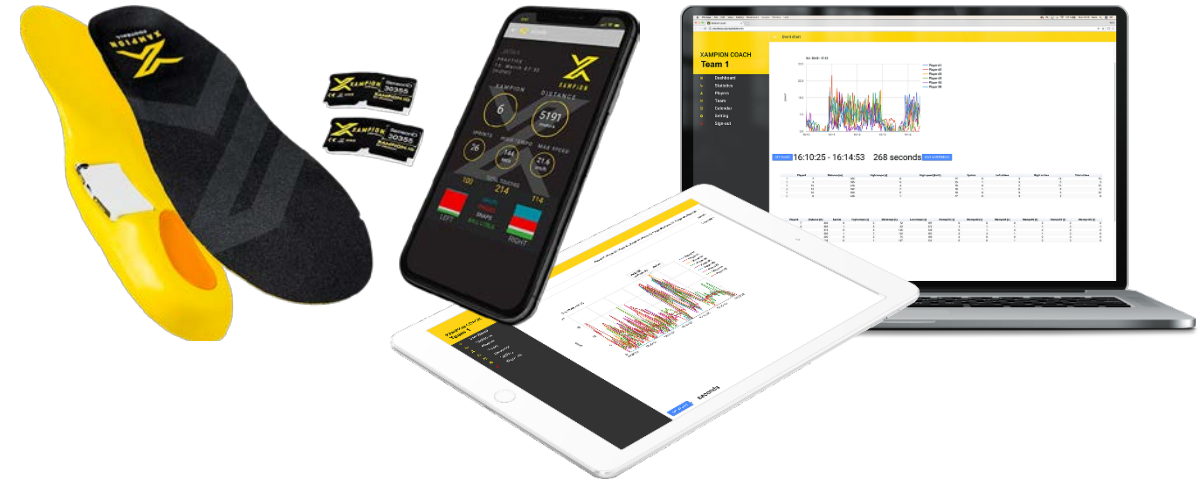
Multi-purpose motion detection and data analytics for fact-based decision making

Progda has built a platform for modelling and analysing motion tracked by wearable sensors. The technology can be used to analyse movement in sports, health care, manufacturing and numerous other environments. The first product application built with this technology is the Xampion Football Tracking System.

- Platforms: HW, Firmware, C and MS.NET
- AI competences: Statistics, Programming, Data visualisation, Big Data, Data ingestion, data munging
- Application domains: Science or technics / Other services
- References: Xampion® Football Tracking System (xampion.com)

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www: progda.com / xampion.com



Analytics⁺

Quva® Flow – AI enhanced process quality monitoring for keeping things in control

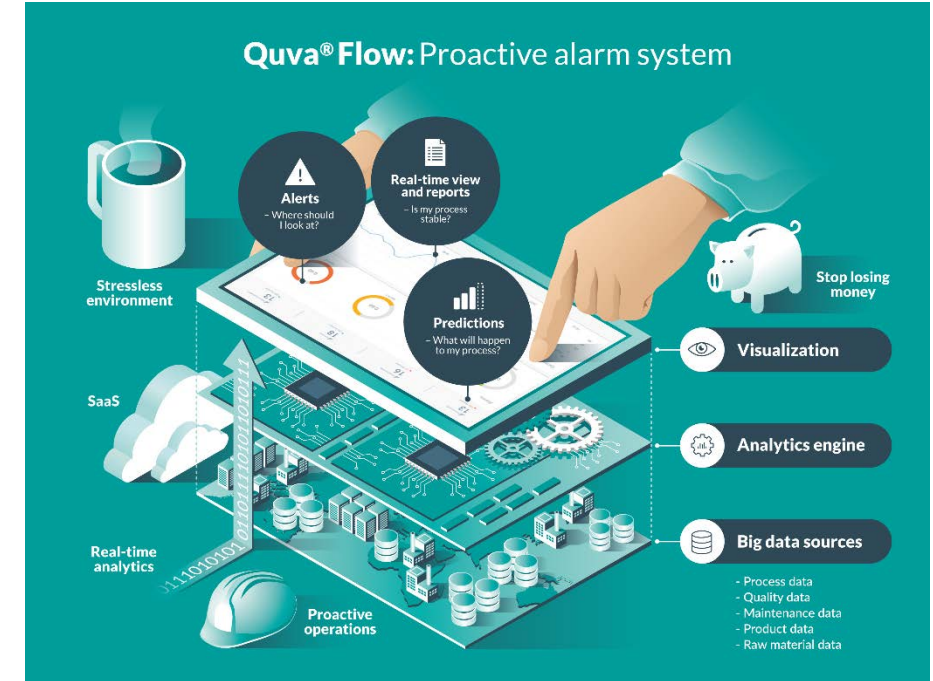
Easy-to-use automated analytics and visualizations with innovative tacit knowledge integration

- Platform(s): Open source
- AI competences: Statistics, Programming, Machine learning, Data visualisation, Big data
- Application domain(s): Industry (production)
- References: UPM, Stora Enso, Mondi, BillerudKorsnäs, SSAB, Outokumpu, Mirka, Teknos, Tikkurila, Aurubis, etc.

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Analytics⁺



QUVA

Industrial Big Data Analytics

Private AI lab building AI for people as a service

Our team of 20 PhDs create cutting edge technology and Machine learning, Computer Vision and Natural Language Processing solutions for faster data processing, quick iterations, simple proof-of-concepts and easy deployment with continuous learning and Human-in-the-loop approach.

- **Platform:** Platform/Ecosystem agnostic
- **AI competences:** Machine Learning, NLP, Computer Vision
- **Application domains:** Central banks, Retail and consumer services, Private financial institutions, Recruitment & HR, Advertising & Media, Infrastructure & Energy, Legal industry, Production & Manufacturing, Airlines and Maritime.
- **References:** Undisclosed

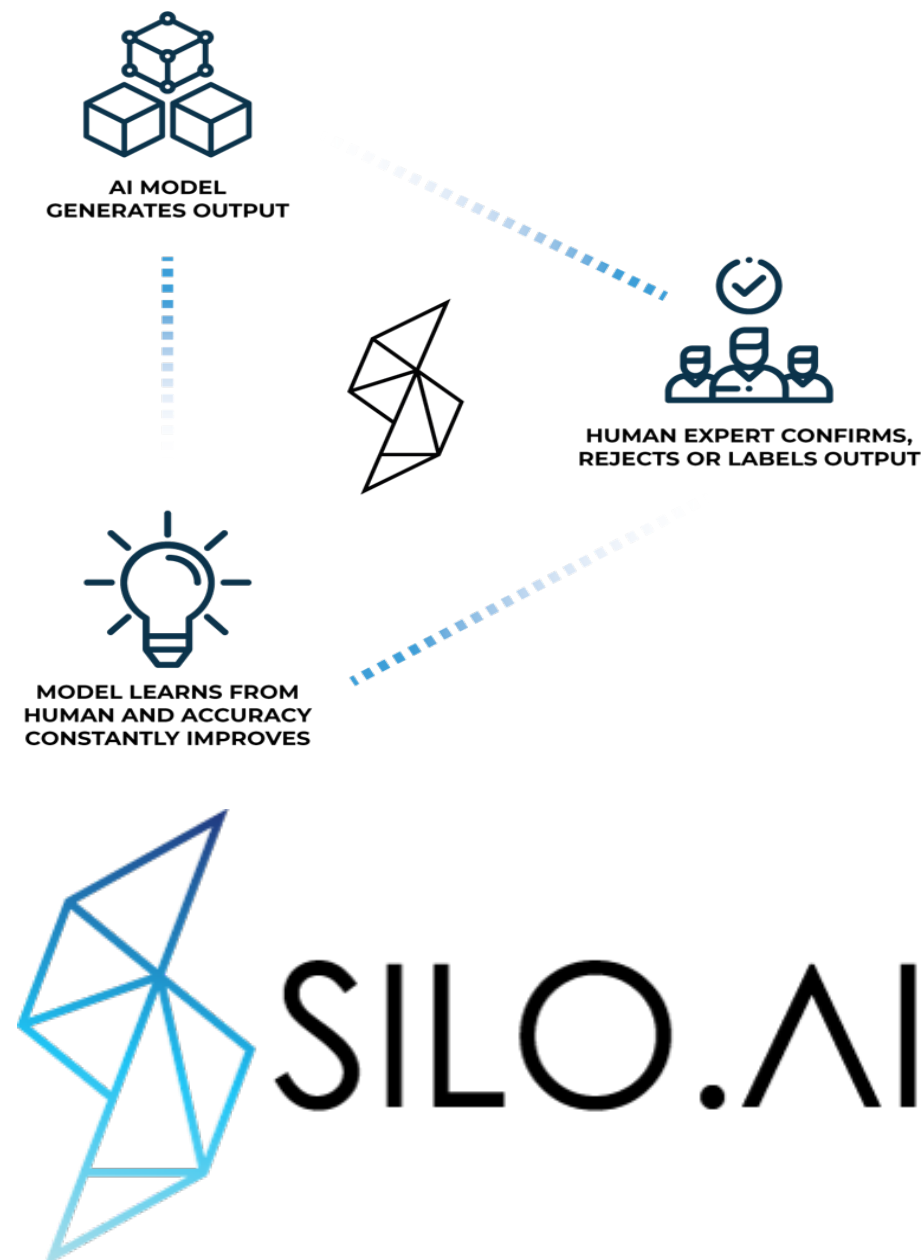
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Analytics⁺



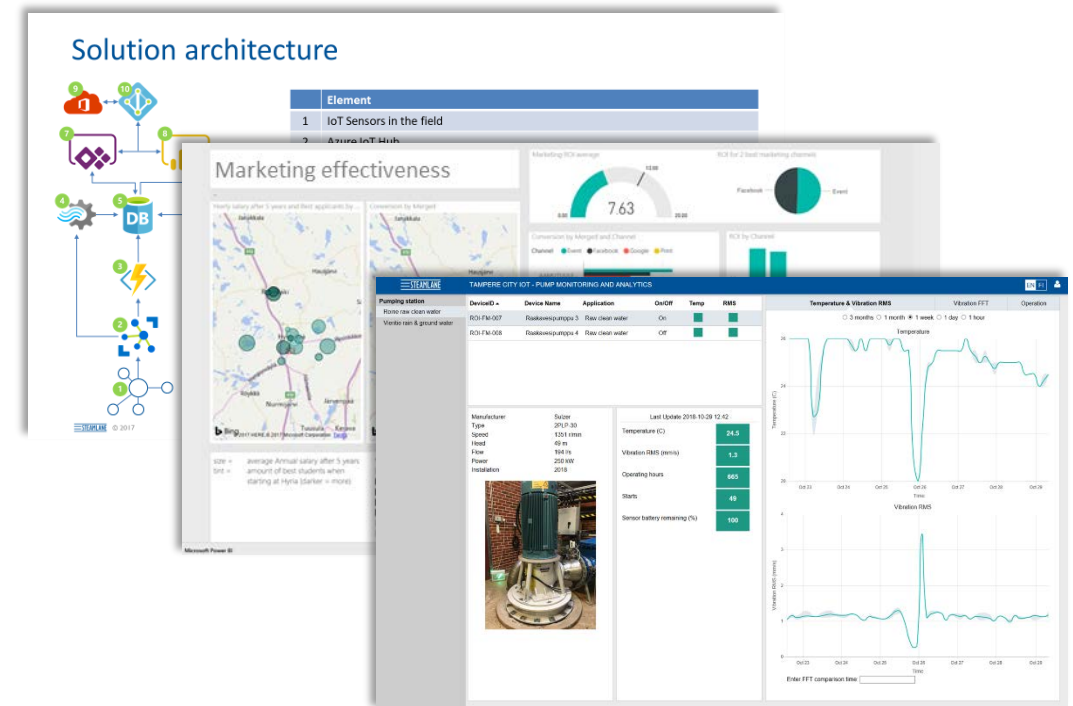
Steamlane data analytics and cloud solutions for IoT and digitalization projects

We help customers to utilize data for improving their business

- Platform(s): Microsoft Azure and open source key libraries
- AI competences: Fundamentals, Statistics, Programming, Machine learning, Text mining and NLP, Data visualisation, Big data, Data ingestion
- Application domain(s): Industry, Energy, Water and waste, Logistics, ICT, Management and support, Public, Education
- References: Several private and public sector customers

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Advanced analytics and computer vision solutions powered by AI.

Top Data Science is a Finnish data science company focusing on AI powered Computer Vision and Deep Learning solutions, technologies and development services. The company is working and partnering with several corporate customers in technology, healthcare and IIoT.

- Platform(s): Our solutions are based on major open-source technologies, Python.
- AI competences: Deep learning, Machine Learning, Computer Vision
- Application domain(s):
 - [Industry \(production\)](#)
 - [Health](#)
- References: Morpho Inc., GE, Stora Enso, Optofidelity, HUS Hospital, Global Biotechnology Company (Undisclosed).

Contacts:

Timo Heikkinen, CEO & Cofounder

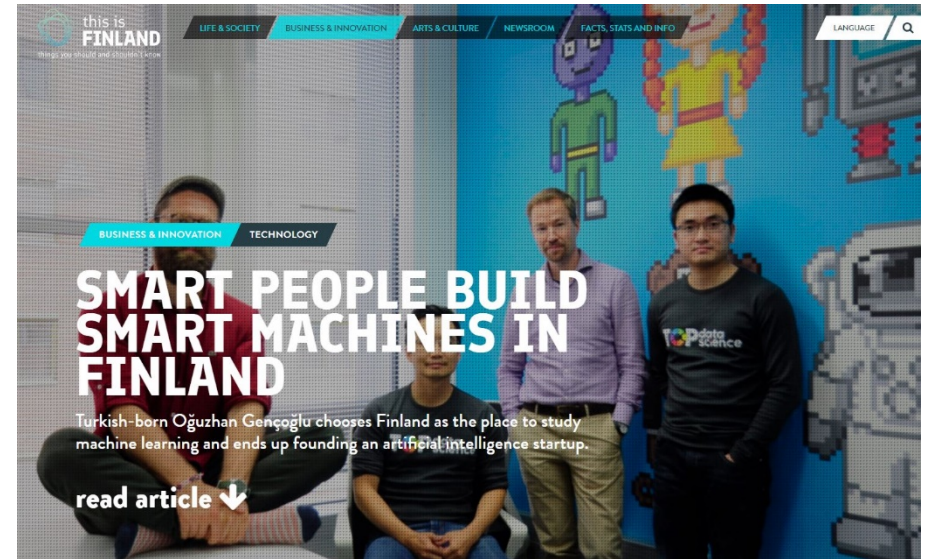
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<http://topdatascience.com/>

Analytics⁺



Valossa AI – the leading video recognition and content intelligence platform

Valossa AI use cases: content compliance and safety, real-time monitoring, content search and management.

- Platform(s):
- AI competences: Toolbox, pattern recognition, machine learning
- Application domain(s): ICT, arts, media
- References:

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www.valossa.com

Analytics⁺



Varis includes text data sets to your analysis

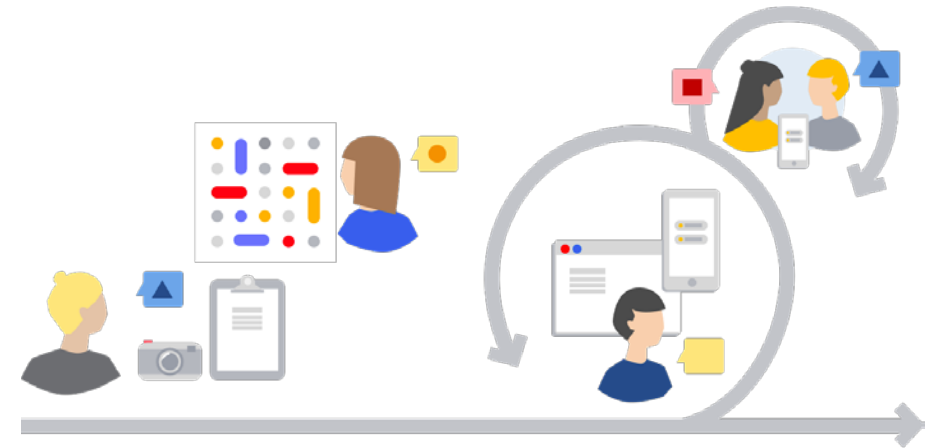
Varis acts as a mediator between the inherently heterogeneous and complex world of texts and a more rigid data model.

- Platforms: as needed, native Python API, Docker deployment
- AI competences: programming, NLP, machine learning, data ingestion
- Application domains: ICT, Industry, Energy, Finance and insurance, Sales, Science or technics, Health, other services
- References: Otavamedia, Laurea

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Analytics⁺



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