Adopt Artificial Intelligence to Create Business Value

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Surveillance Infrastructure Becomes Commodity
Problems to Solve

- Security-related inspection of wagons
- Quality management and maintenance of infrastructure databases
- Damage assessment based on image/video footage before and after an incident
- Infrastructure maintenance
- Situation analysis
- Optimization of maintenance work in critical infrastructure areas (e.g. vegetation growth into the structure gauge)
- Detection of unusual objects (e.g. security risks)
- Detection of crowded platforms
Using Artificial Intelligence / Machine Learning
Select all images with street numbers.
Click verify once there are none left.

Aktivieren Sie alle Bilder die Bremssohlen zeigen
Object Detection / Image Segmentation

- Garbage Bin
- Tracks
- Buggy
- Vending Machine
Damage Analysis Cockpit
## How We Work

### Our offer

- **Exploratory investigation of the idea and solution space**
  - Understanding and exploration: 5 days
  - Result: Up to 3 use cases / solution ideas generated and prioritized

- **Rapid, iterative prototyping**
  - Design / prototype: 10 days
  - Result: Prototype designed, pilot conceptualized. Foundations for business / IT in place

- **Preparation for public-/process facing piloting**
  - Technology selection: if required
  - Result: 3rd party technology selected and contracted

- **Pilot design**
  - 10 days
  - Result: Detailed requirements specification for pilot outlined. Pilot project plan established

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### Result Phases

1. Go/no go
2. Go/no go
3. Go/no go

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Customer value
4Quant factory:
Consulting, prototyping, engineering

4Quant lab:
Co-creation, demo, customer experience

4Quant community:
Customer & partner network, talent pool

4Quant events:
MeetUps, workshops, conferences (DeepTech)

4Quant university:
Learn and experience

4Quant incubator:
Co-working, mentoring, access to resources
ai first
An Initiative of 4Quant
High performers with many years of proven experience in software engineering, machine learning, and entrepreneurship

Joachim Hagger
Co-founder and head of market & technology of SME with 500 employees

PD Dr. Kevin Mader
Adjunct Lecturer in the D-ITET department at ETH Zurich

Flavio Trolese
Co-founder and CFO of SME with 50 employees

Machine learning & software engineering: Dr. sc. Tim Head, Joshy Cyriac, Kaspar Vollenweider
Our USP’s

- Business experience in the field
- One stop shop for AI-related projects
- Access to broad knowledge network in AI and for interdisciplinary tasks
- Best of breed offering through partnerships and freelancer network
- Access to talents for recruitment