

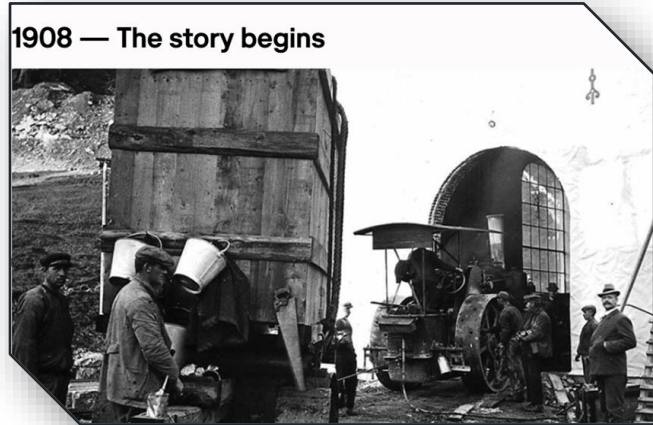


The use of AI and digital tools within technical consulting



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SOLUTION ARCHITECT, DATA & AI

Multiconsult



2025
Construction and Real Estate
Mobility and Transportation
Energy and Industry
Water and Environment
Geotechnical Investigations



Digital transformation



Source: <https://rarehistoricalphotos.com/life-before-autocad-1950-1980/>

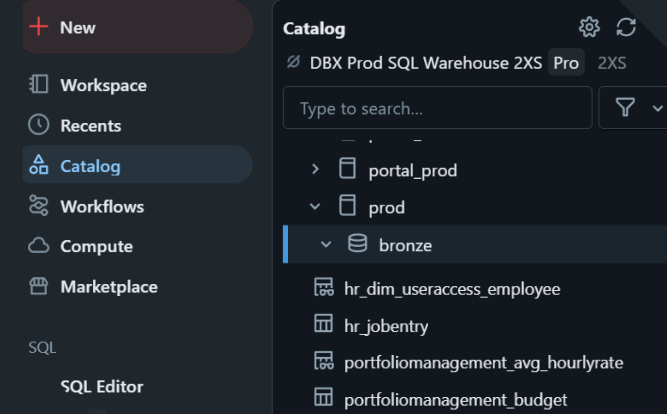


A virtual journey with Forneubanen: <http://youtube.com/watch?v=YmuU-vQ-ERE>

Data platform

A journey to build a robust, centralized data platform that enhances decision-making and optimizes processes

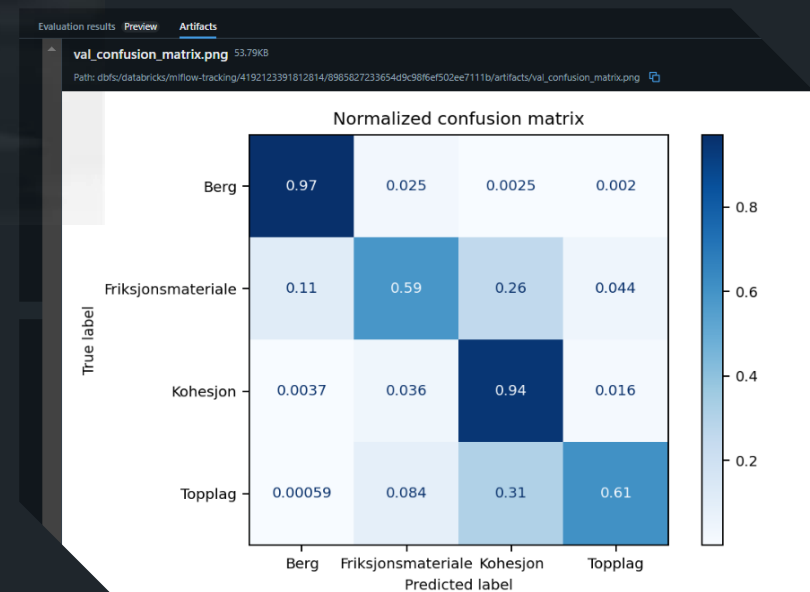
Building data literacy through business intelligence

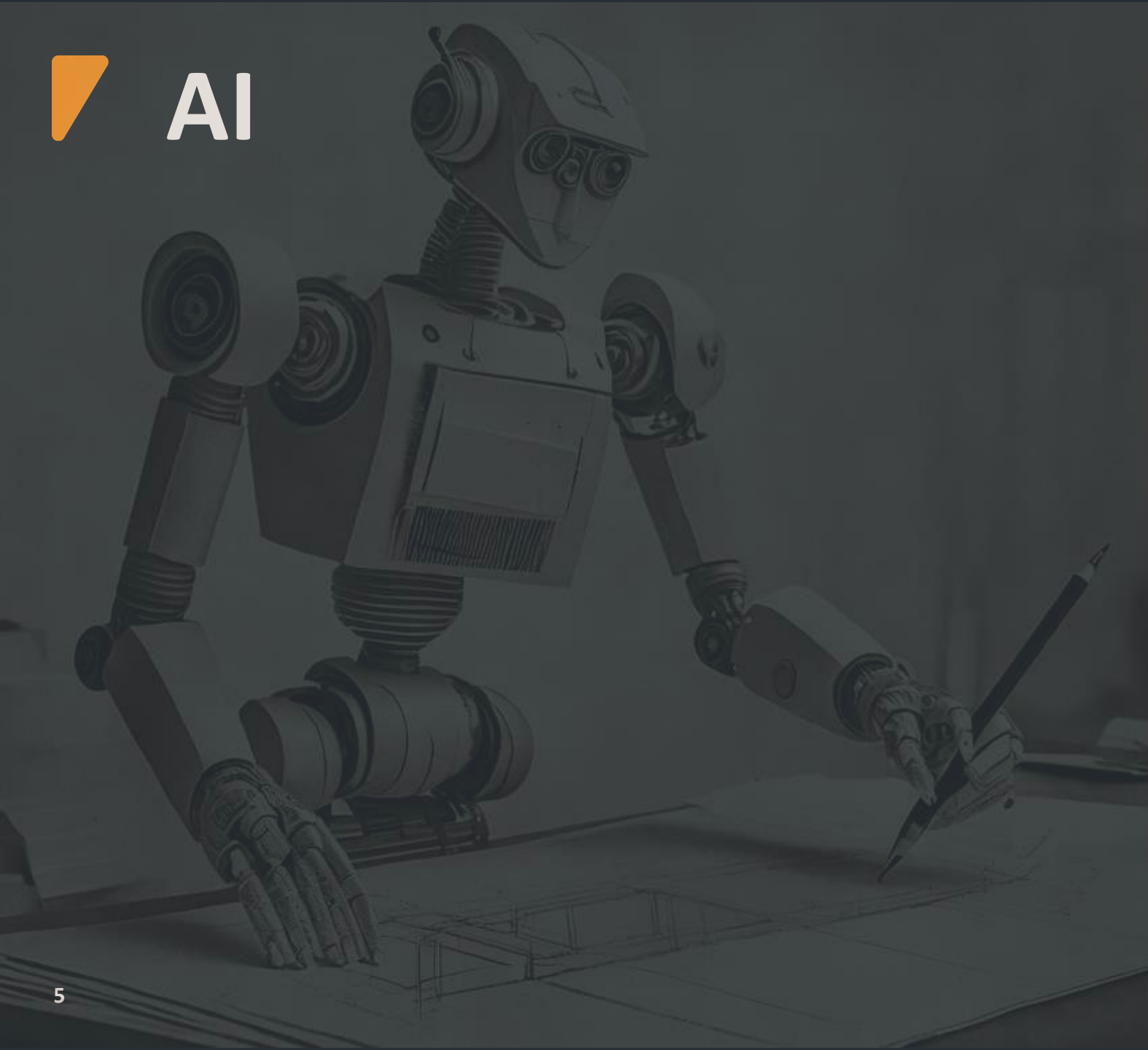


Workflow orchestration



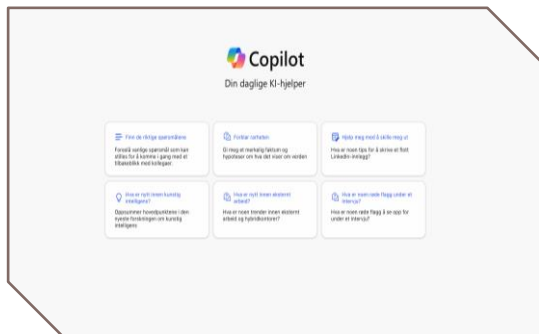
Experimentation using machine learning





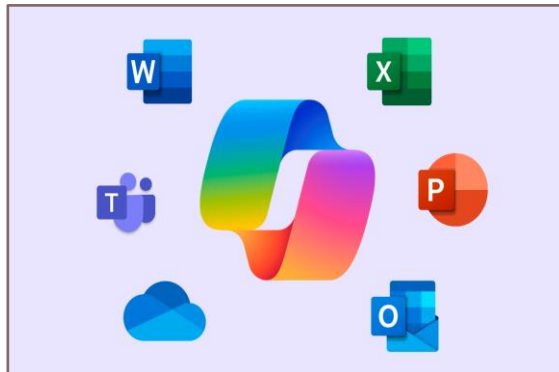
Artificial Intelligence

Copilot



Copilot was introduced to all employees.

Copilot 365



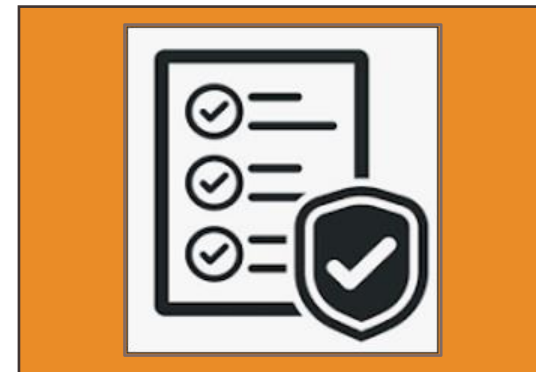
Copilot 365 has been rolled out to selected users as part of a test phase.

LLMs in systems

```
# Create a completion
completion = client.chat.completions.create(
    model=deployment,
    messages=[
        {
            "role": "system",
            "content": ""You are an AI assistant in the topics of
engineering courses and training material.
#####
You should only answer questions related to the
documents you have access to.
#####
In each paragraph, always references a document.
When referencing a document, always include the
title of the document and the section title.
#####
Always refer to the folder of the document""",
        }
    ],
)
```

We started using Large Language Models in our software solutions.

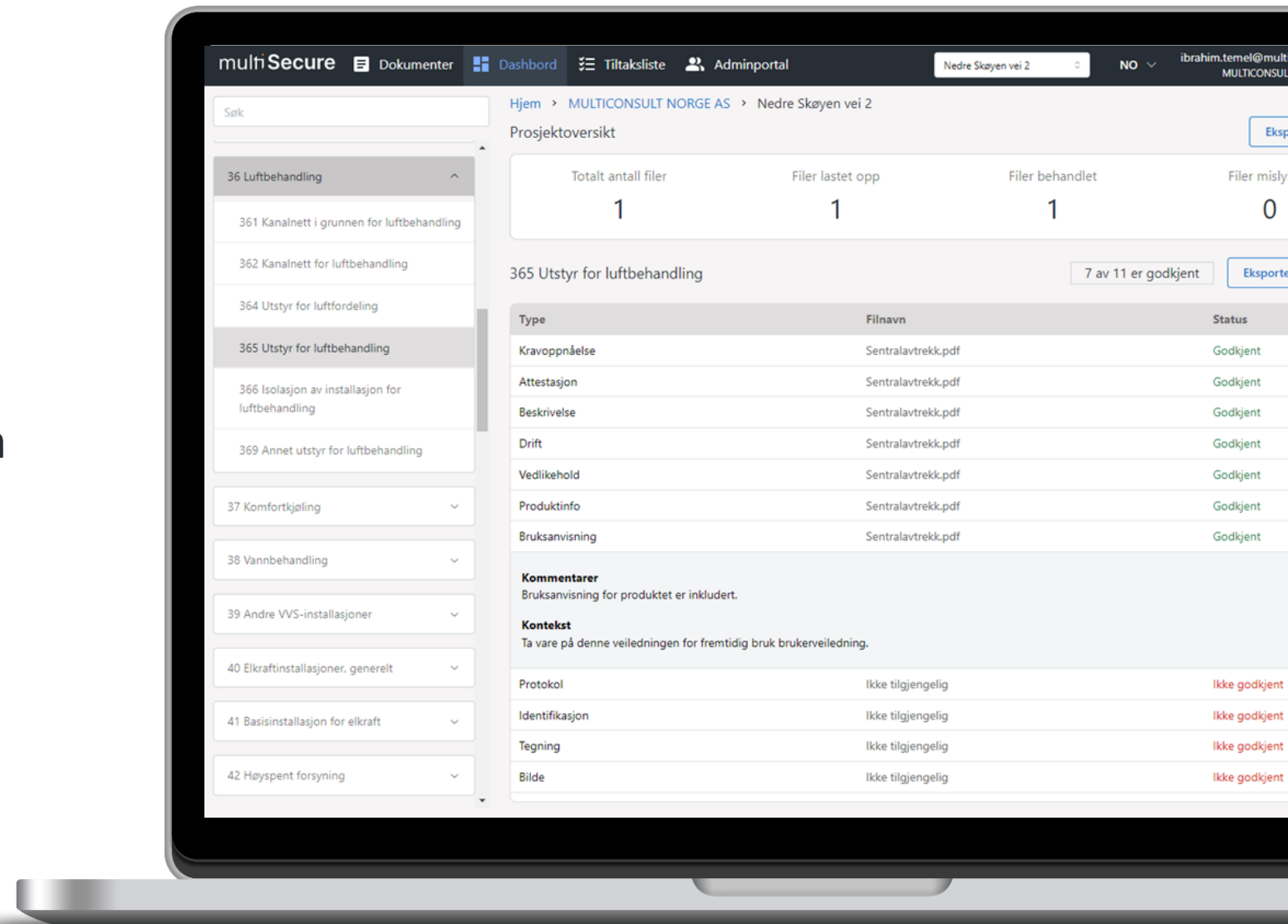
AI-policy



Our AI policy was released which put constraints on the information categories that could be exposed to external AI services.

Effective **quality assurance** of operations and maintenance documentation in facility management.

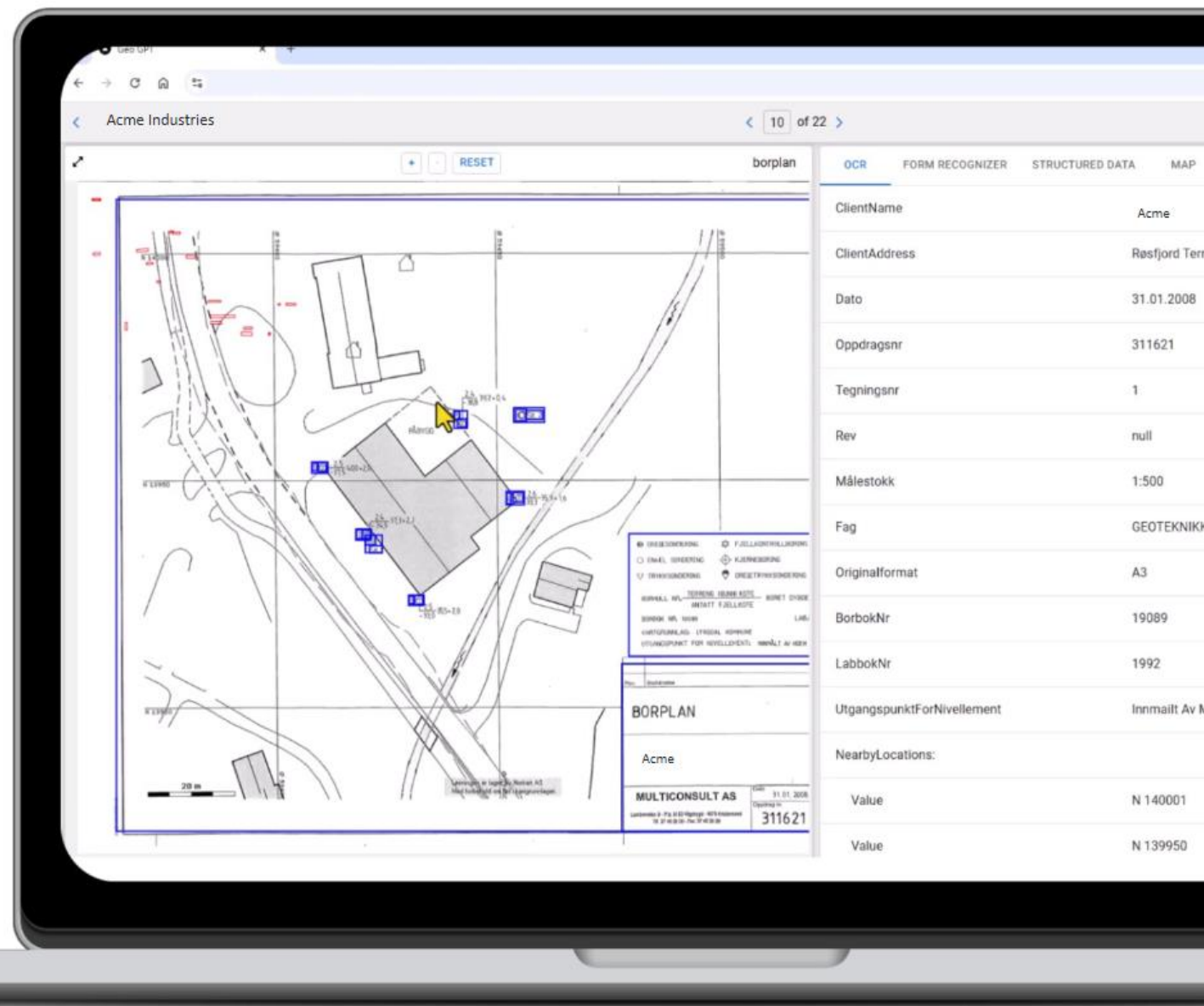
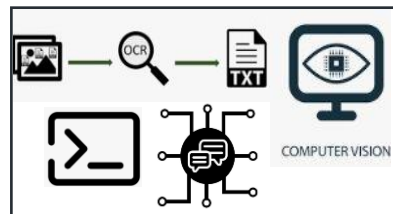
- Inspection of **operation** and **maintenance** documentation
- Content quality assurance
- Preparation of action lists
- Interactive **document communication**





geoReader

An experiment of **digitizing** and semi-automating **knowledge extraction** from 90 years of geotechnical investigations.





Q&A

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