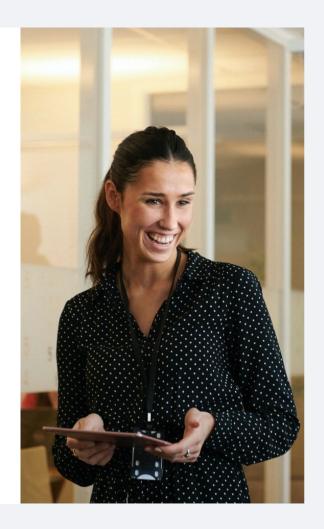
Visma Optimization Technologies

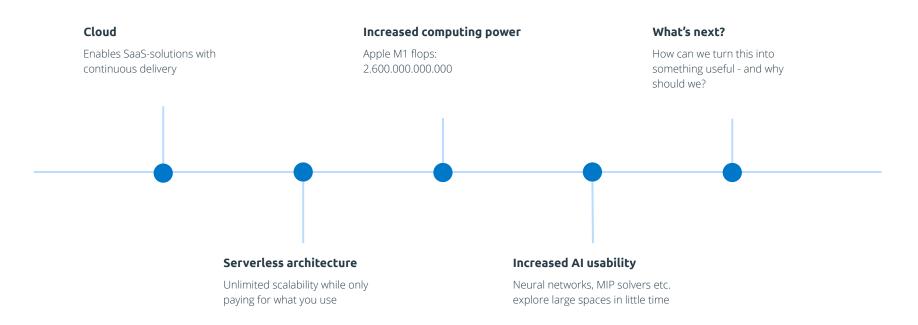
How to succeed with AI products

Sindre Henriksen





The software landscape is changing





Users are starting to expect smartness



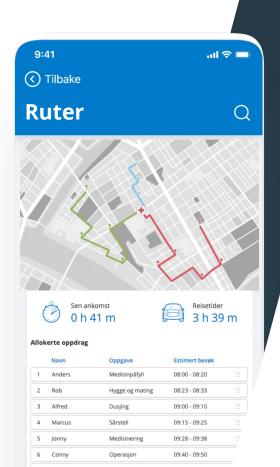
Optimization

Users spend large amounts of time on complex optimization tasks



Predictions

Users require smart predictions to assist their workflow





Quick facts

1M

Customers contracts

18,675 M

Revenue 2020

12,500

Employees

Headquarters

Other locations



Visma InSchool

Key information

355

Schools

High schools

Vocational schools

Adult education

11

Counties

35,000

Teachers

8,000

School admins

190,000

Students

Requirements

1200 Functional

100 Technical

Cloud-based

Continuous delivery



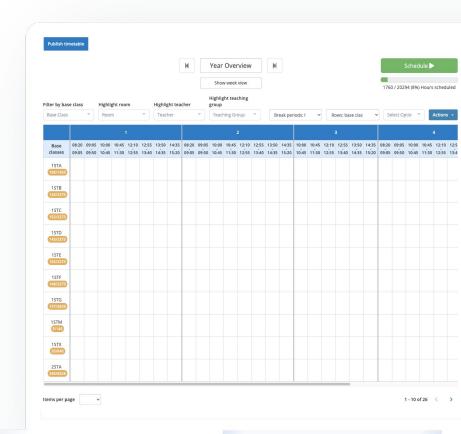
Timetabling

Optimization Technologies InSchool

Automated allocation of:

- Teachers
- Time slots
- Rooms

These are all time-consuming tasks

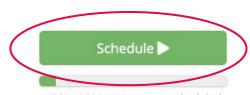




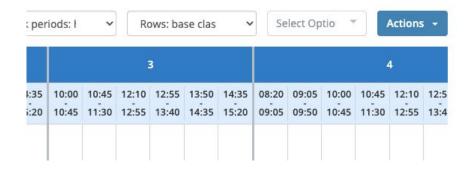
Al is not magic

The challenge:

- How do we make users trust the automation?
- How do we make users, UX/UI devs and backend devs understand it well enough to work together?



1760 / 20294 (8%) Hours scheduled





Demystifying the Al

The solution:

- Start with what the users want not the other way around
- Work with UX-experts from the outset
- Transparency make sure the users understand *why* the Al makes the choices it does
- The timetabling algorithm searches for solutions much like a human!





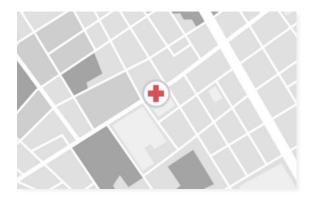
If you don't have a question, I don't have an answer.

Name Lastname

Title, Company







✓ Kindergarten optimization

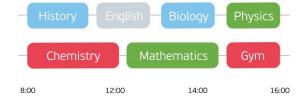
Improving the admission process for kindergartens

✓ Home nursing care route plans

Optimizes allocation of workers to tasks and determines driving routes







✓ Workforce management

Assisting schedulers in creating fair and efficient schedules adhering to laws

✓ Timetabling for schools

Automating the timetabling process







Entrepreneurial
Responsible
Dedicated

Make progress happen

Inclusive

