

Administration

CRM agent

12

Procurement Checker

3

1

Employee Inter

4

Branch Support

5

Marketing

Blog writer

1

Shop Descriptions

Private Clients

746

Customer S

37

Business Clients

89

Your Location

Dubai

asya

Nākamās paaudzes kontaktcentrs

Sales Training

593

Risinājums



PITCH
PATTERNS



Eldigen



Komunikācijas
monitorings

Balss
automatizācijas

Automatizācijas
E-pastiem,
WhatsApp, čatiem,
dokumentiem

Nākamās paaudzes
kontaktcentrs

Mākonī vai **On-Premises**



PITCH
PATTERNS

Pasaulē labākā zvanu analītikas platforma

95% CER precizitāte, TTS, SST
mazajās Eiropas valodās,
Balss tonis, kopsavilkumi





PITCH
PATTERNS

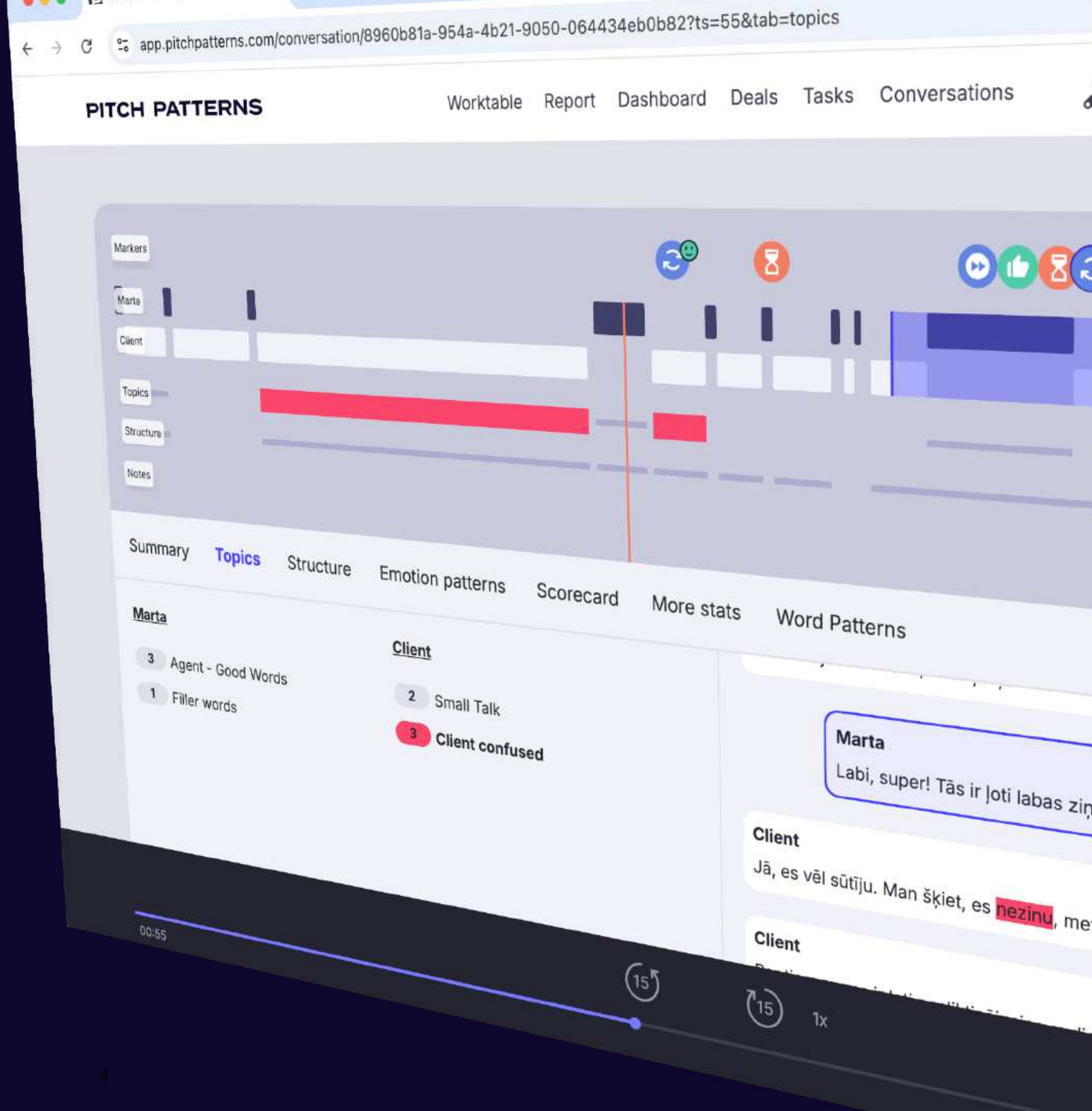
Hard-Skills atpazīšana

Zvanu ilgums saīsināts par **20%**

Uzlabota informācijas pasniegšana un
samazināts neapmierināto klientu
skaits par **50%**.

Pēc zvana automātiski aizpilda **CRM**.

Ietaupījums **40h mēnesī**
uz kvalitātes kontroli.

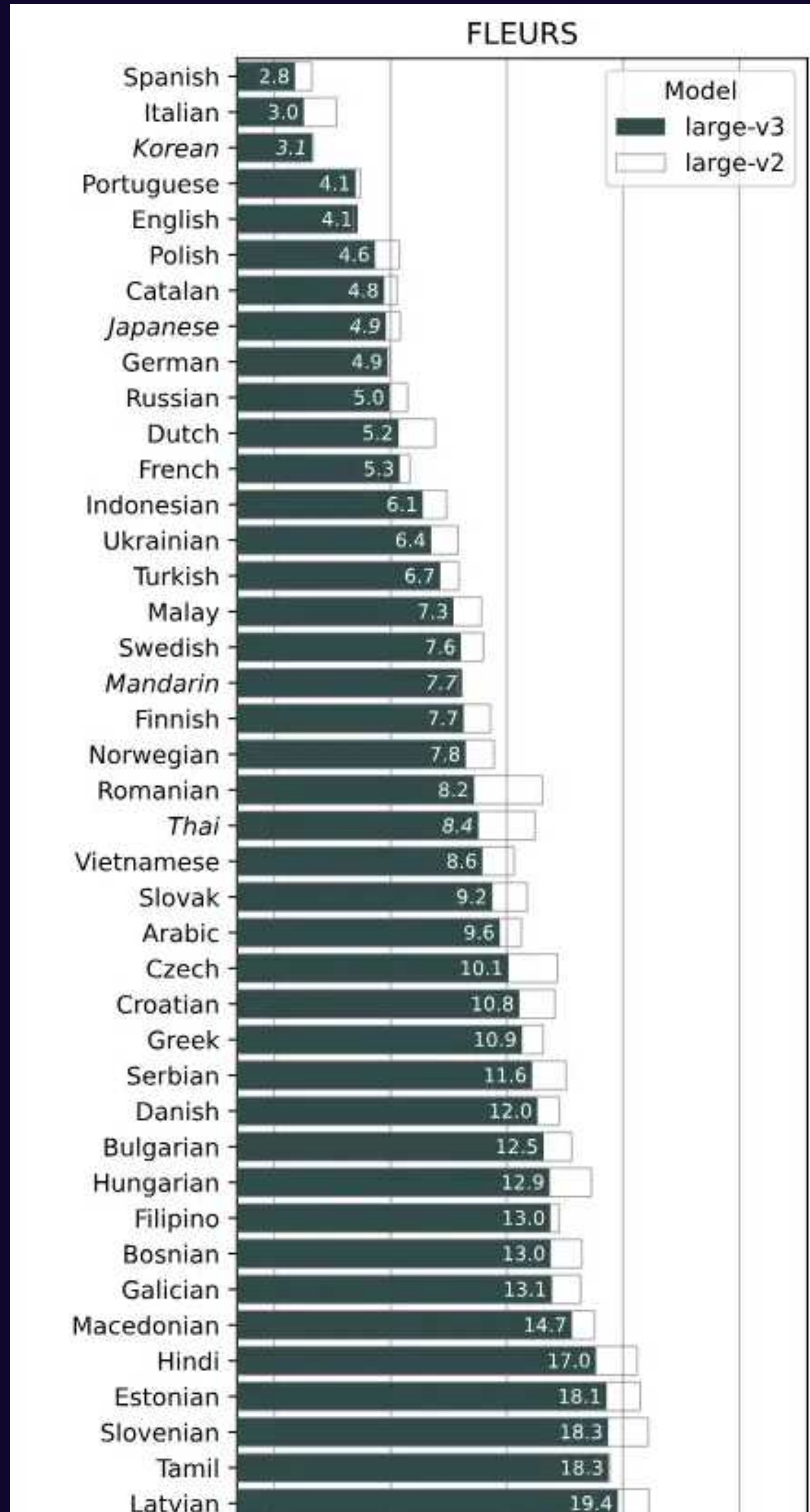




PITCH
PATTERNS

Whisper V3 (open-source pret HPC)

WER 19.4% pret 8.3%

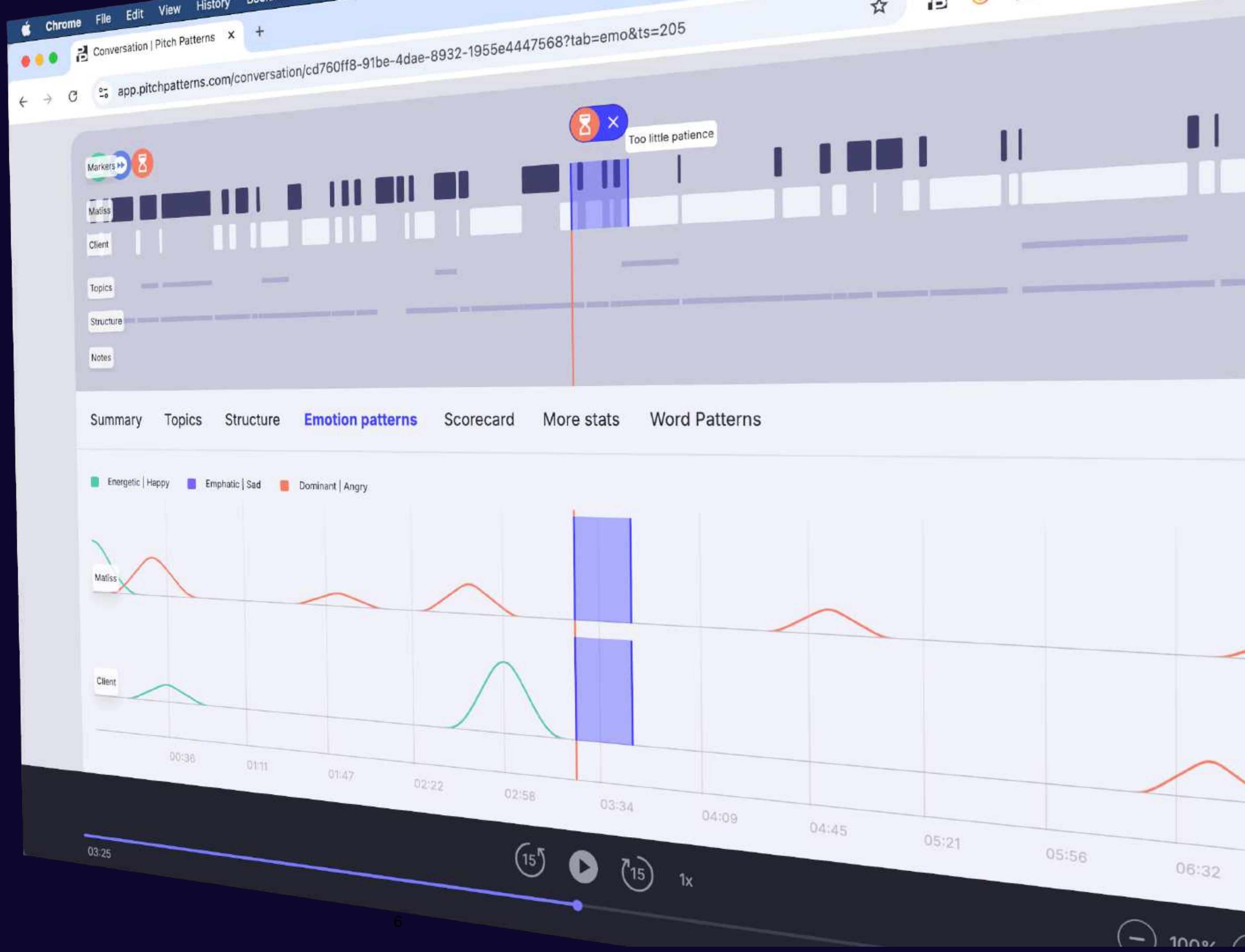




PITCH
PATTERNS

Soft-Skills atpazīšana

Socialo spēju marķieri
un balss intonāciju
noteikšana

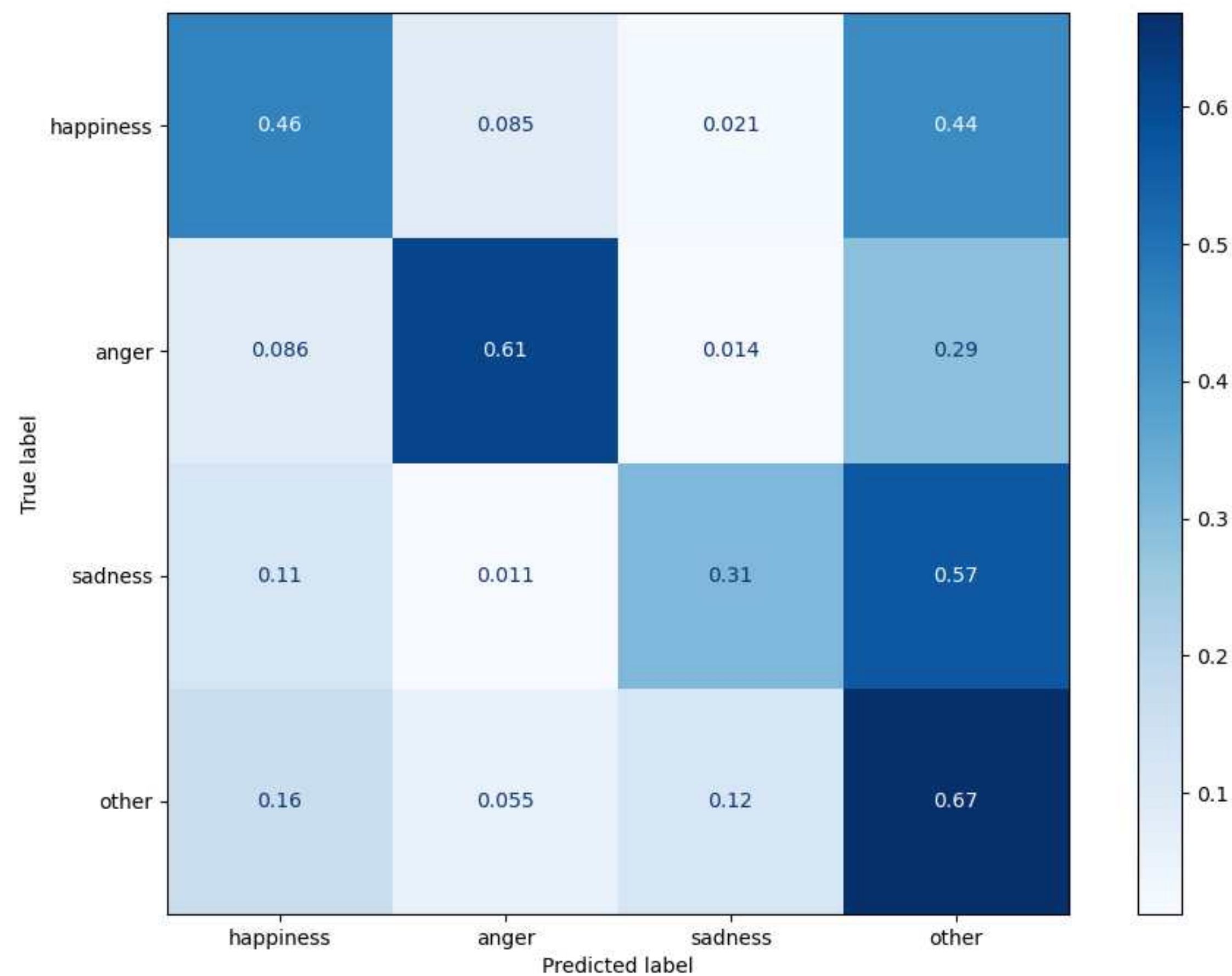




PITCH
PATTERNS

Noskaņojums (open-source pret HPC)

Acc: 68% pret 75%



LEADERBOARD

Points for today

1	▲ +1	Jānis Ezeriņš	1019 912
2	▼ -3	Una Pārdaugaviete	900 925
3	▲ +1	Helmuts Jānis Laipotājs	875 900
4	▲ +1	Rēzija Bedrīte	820 820
5	▼ -1	Laima Oga	740 720
6	▼ -2	Ritvars Liepnieks	710 0
7	-	Kristīne Kārkliņa	695 725
8	▲ +1	Raivis Dzintariņš	600 580
Silver			
9	-	Renāte Kalniņa	520 710

ACTIVITIES

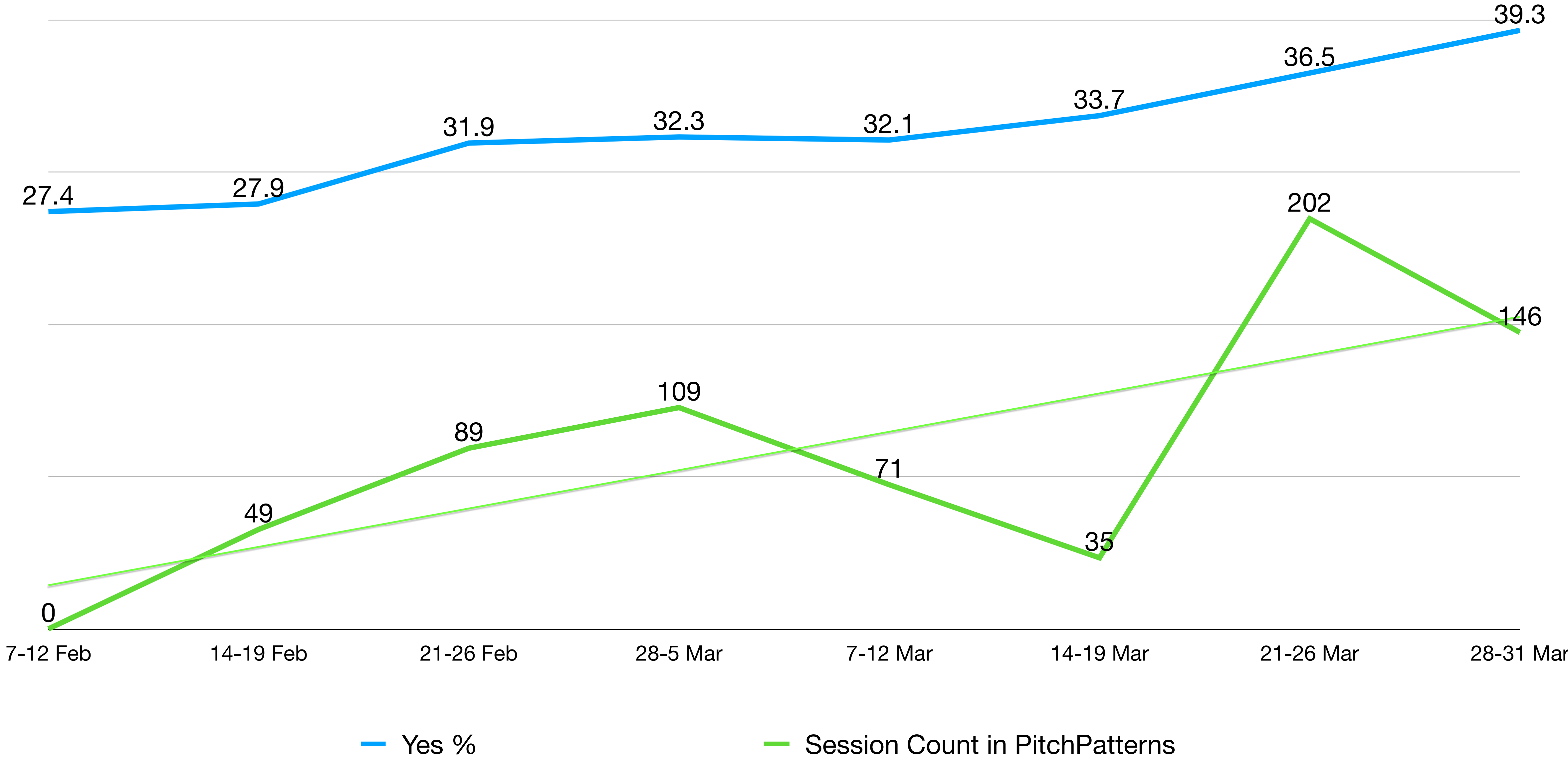
In the last 5 minutes

	Dāvis Deal atjaunots ar piezīmi 31.03.2023	10
	James Stepped up from position 2 to 1 31.03.2023	
	Kelly Call to Intergaz (didn't record) 31.03.2023	200
Older		
	Reminder There are 4 working days left this week 31.03.2023	
	Raitis The Great Received a 5 star rating 31.03.2023	1000
	Dāvis Stepped up from position 2 to 1 31.03.2023	
	Dāvis Call to Lego (didn't record) 31.03.2023	20

Automatiska
Darbinieku
Motivācijas
Sistēma

LIVE

43% improvement in closed sales



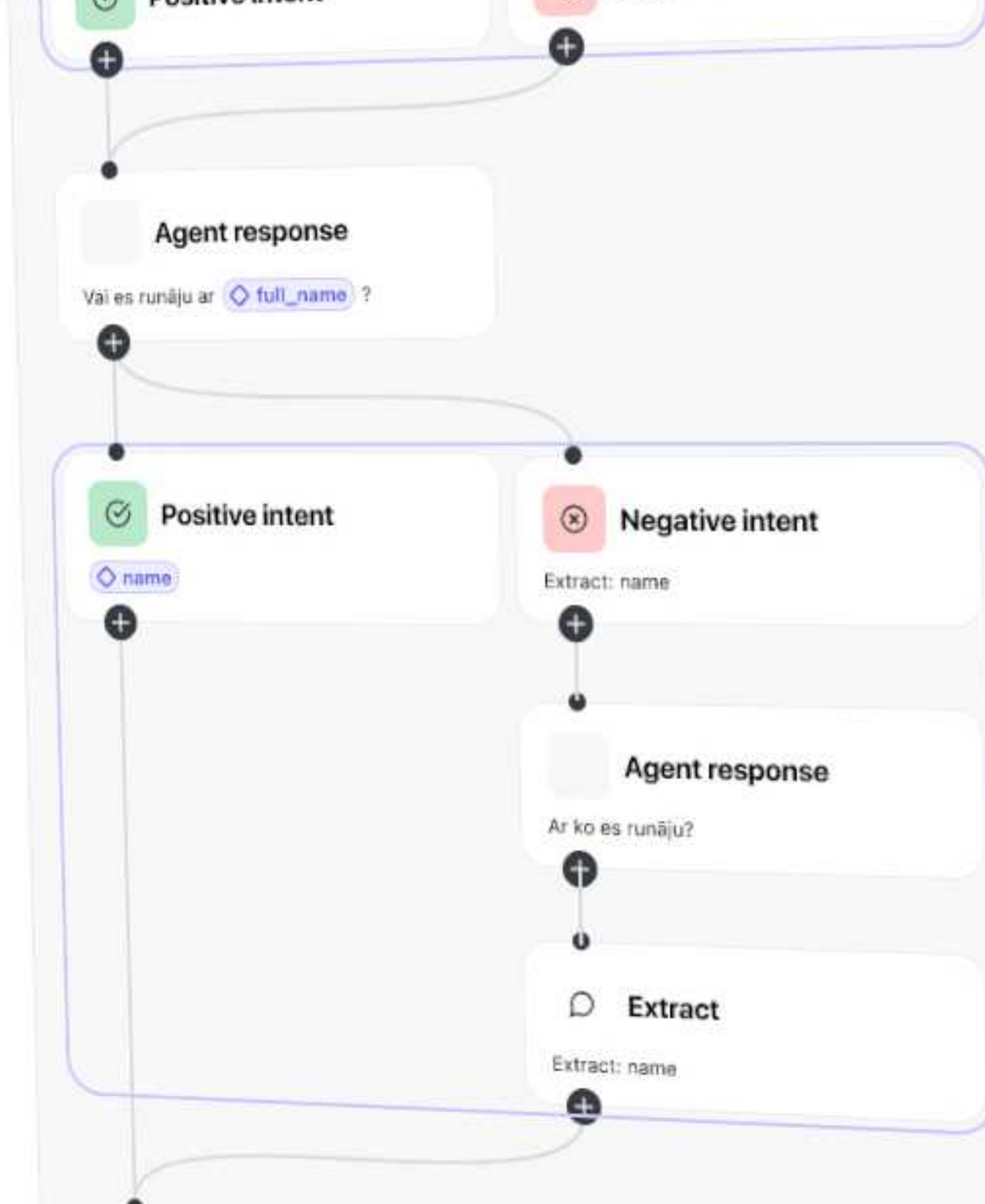


PITCH
PATTERNS

Inteleģentais robotzvans

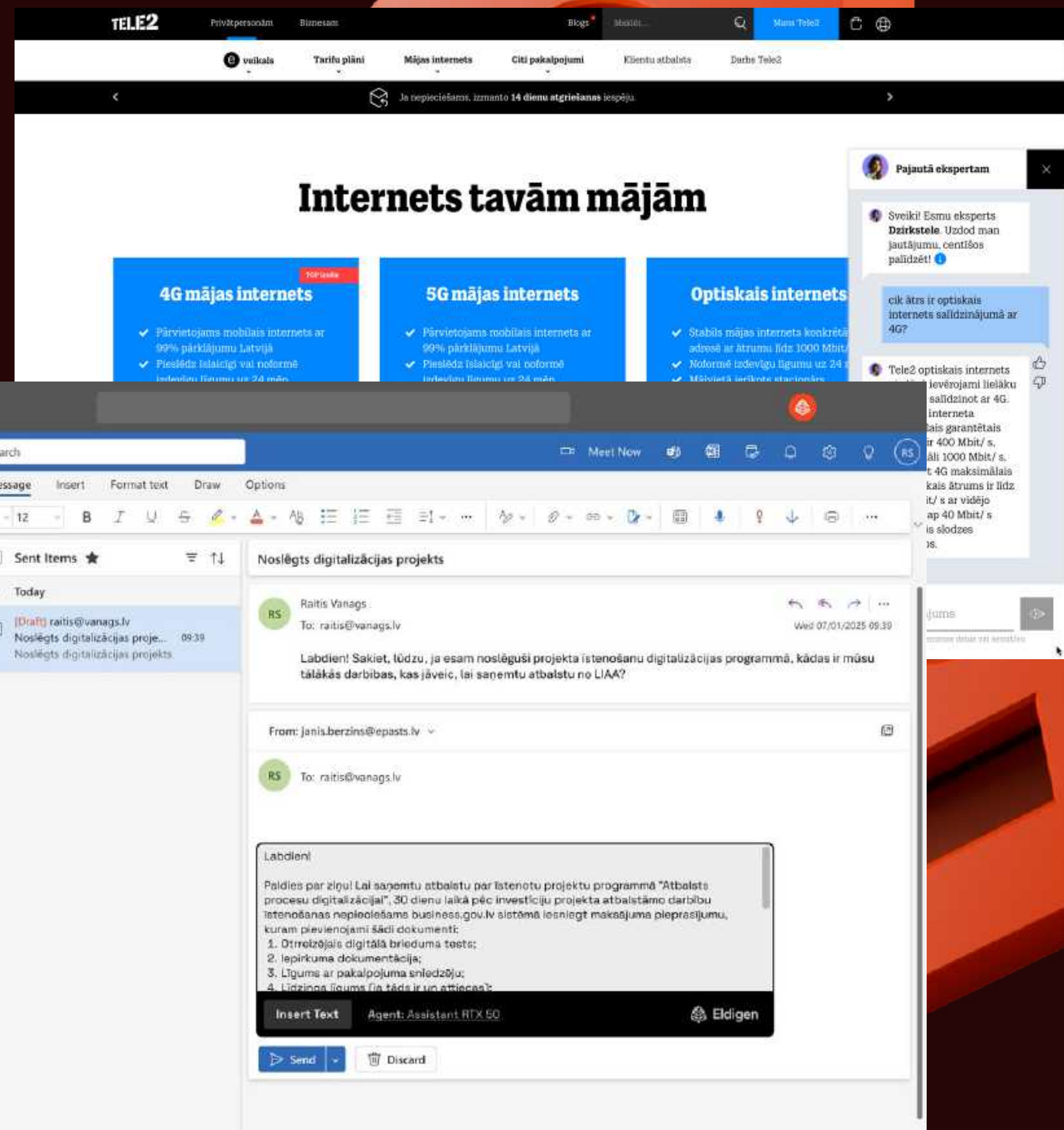
Izejošais robotzvans
klientu kvalifikācijai,
parādu piedziņai,
pierakstu organizēšanai utt.

Var aizstāt pilna laika zvanu
operatora darbu **160 h mēnesī**



Automatizēta vienota kanāla E-pasti, Telegram, WhatsApp, Jira, Zendesk komunikācija

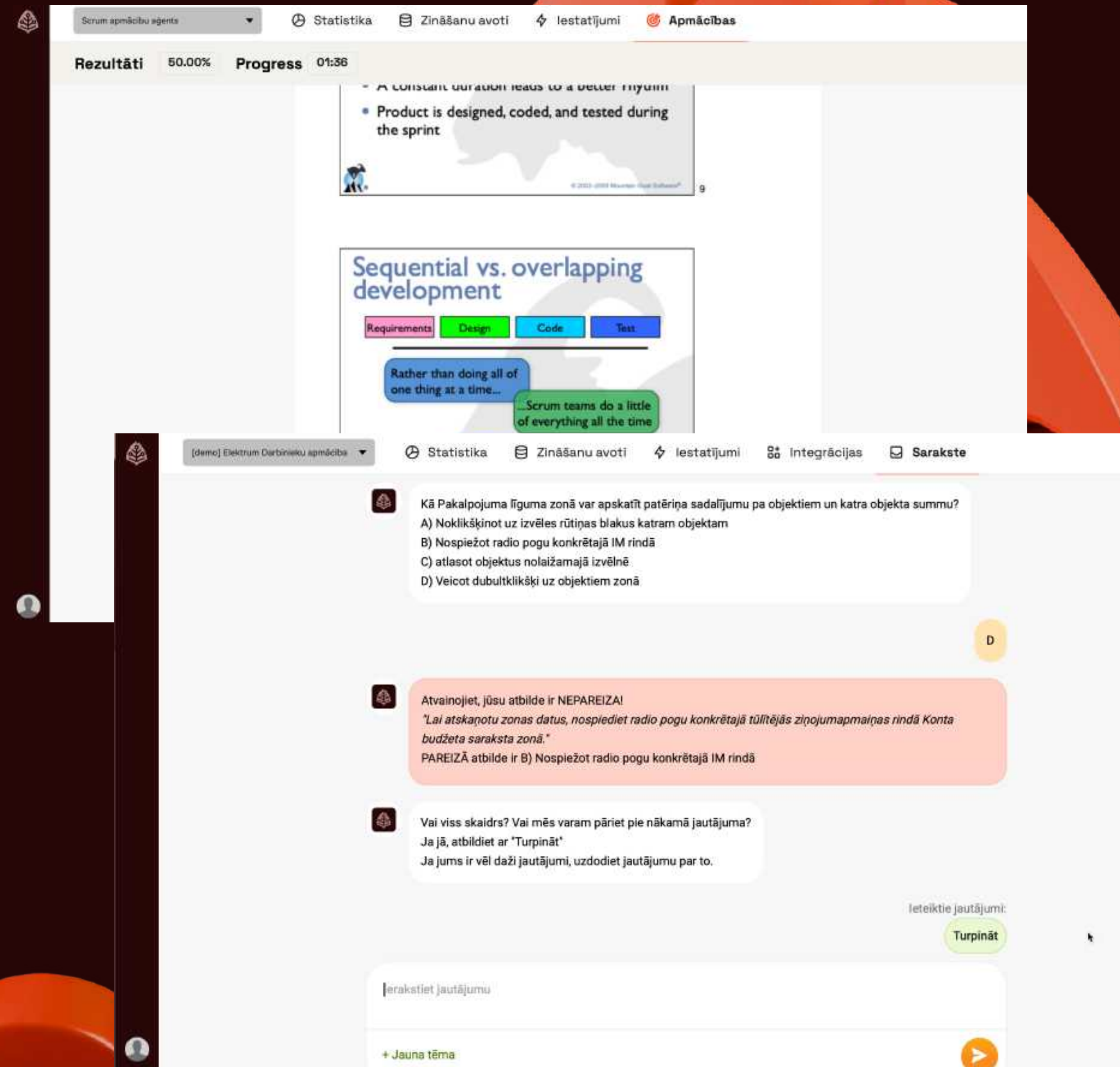
Mēnesī 1000 ziņas je 30% no
3,000 ziņojumiem automatizēti,
ietaupot **40 h mēnesī**.



Automatizēta apmācību un testēšanas platforma.

Izveido apmācību materiālus un testus darbavietas drošībai un produktu zināšanām.

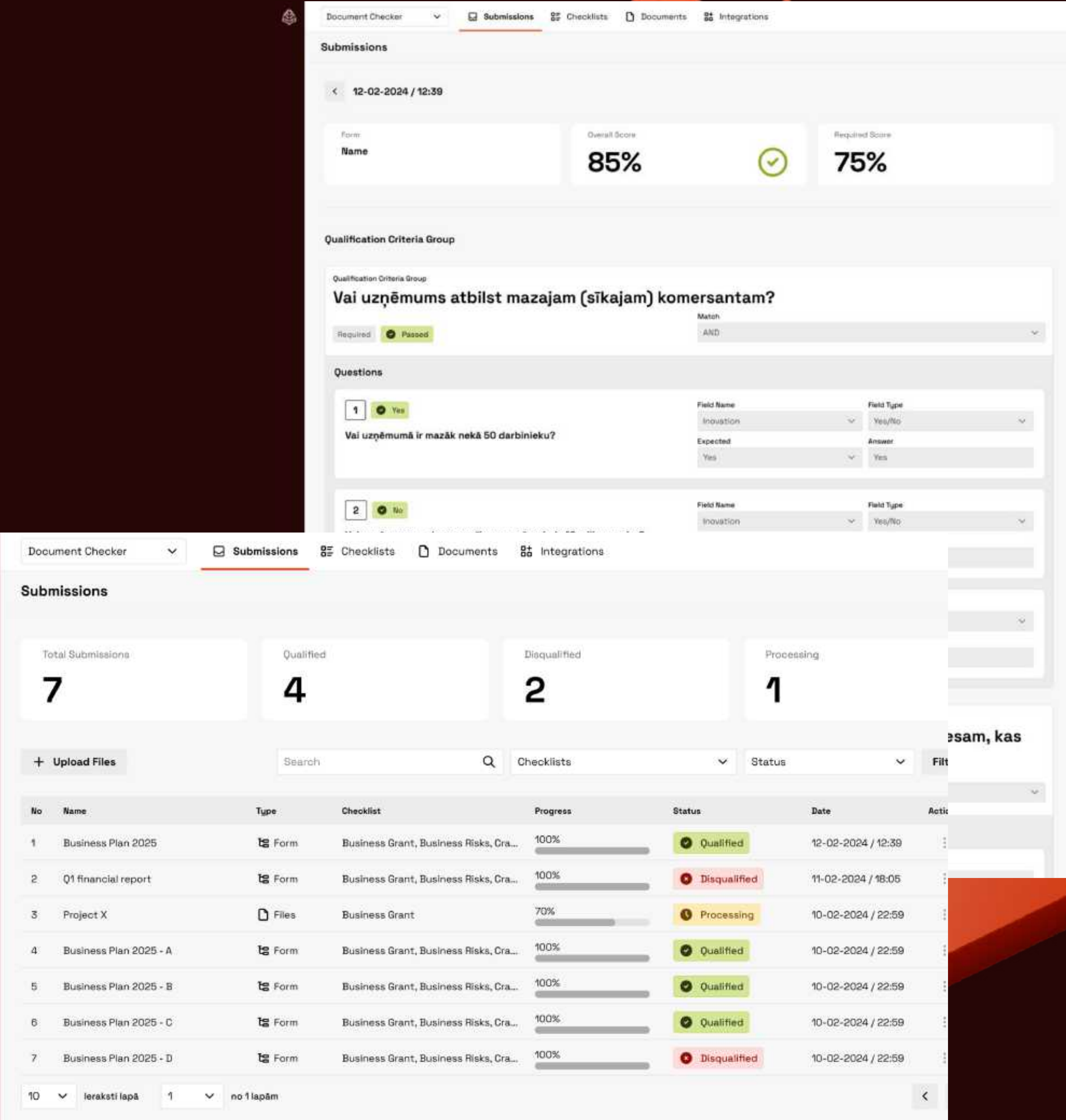
Ietaupa **20 h mēnesī** apmācību sagatavošanai un **4 h mēnesī** uz katru darbinieku.



Automatizēta dokumentu pārbaude

Automatizē 40% darba formām, iepirkumiem, piedāvājumiem, juridiskajiem dokumentiem un CV.

Katrs process mēnesī ietaupa 40 h.



20+ uzņēmuma klienti



Abonēšana + pielāgošana



**PITCH
PATTERNS**

Zvanu centra kvalitātes kontrole no
500 EUR/mēn

Robotzvans no
500 EUR/mēn



Eldigen

Teksta komunikācija sākot no
500 EUR/mēn

Pielāgojumi
70 EUR/h

Komanda

Darbinieki: 30
Vidējais vecums: 25
Zinātniskās publikācijas: 20



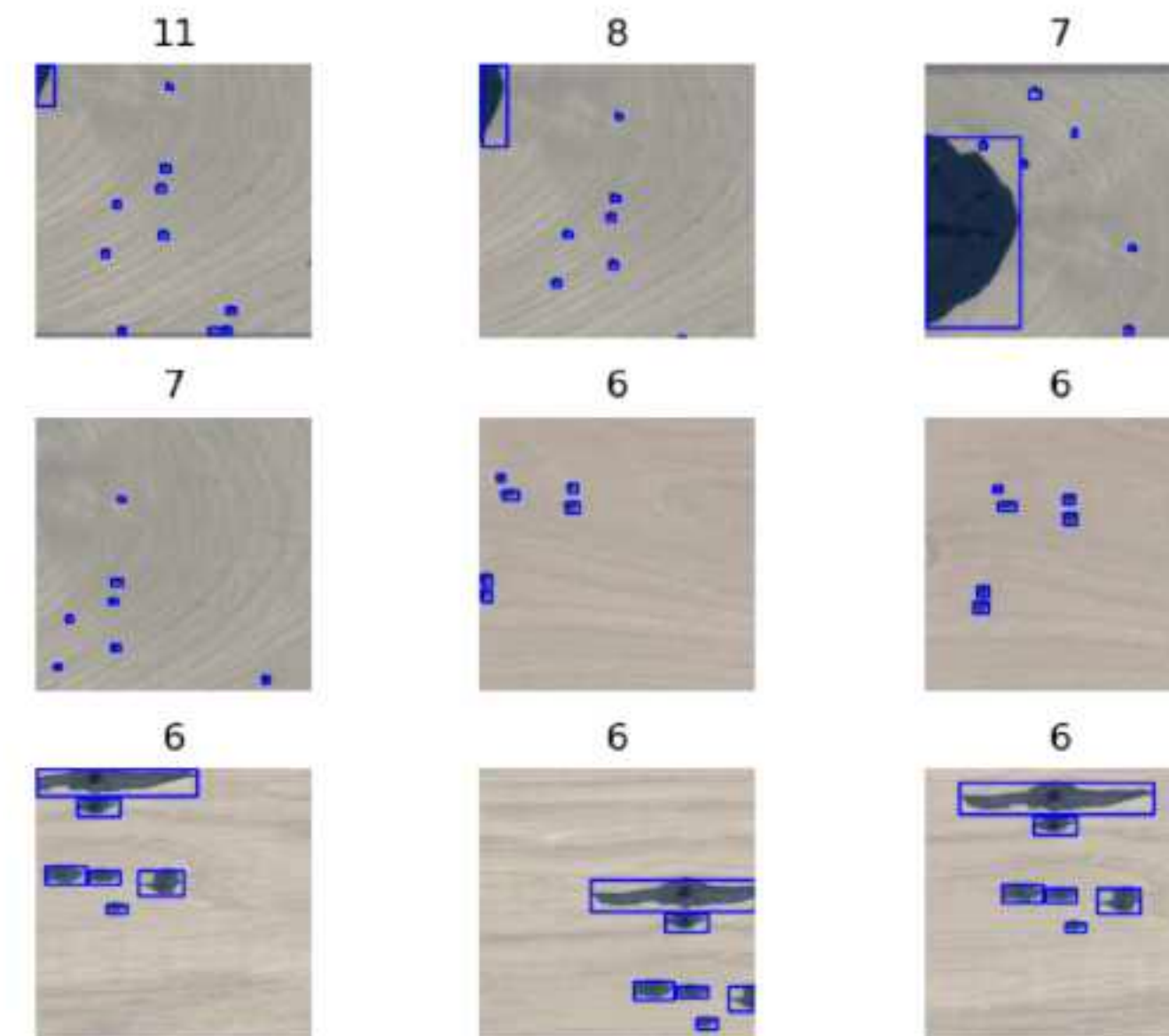
Project #1 – Detection of defects in wooden planks for bandsaw solution.



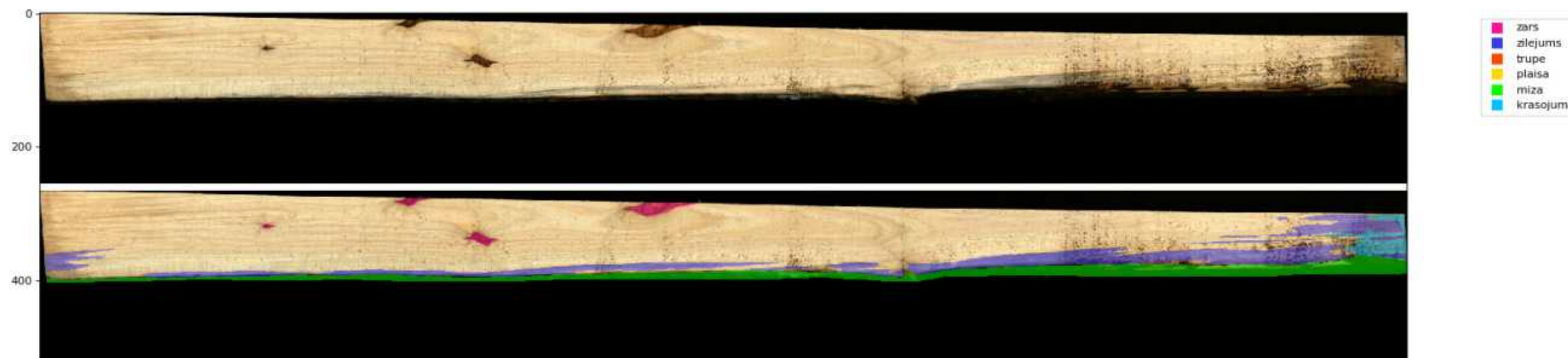
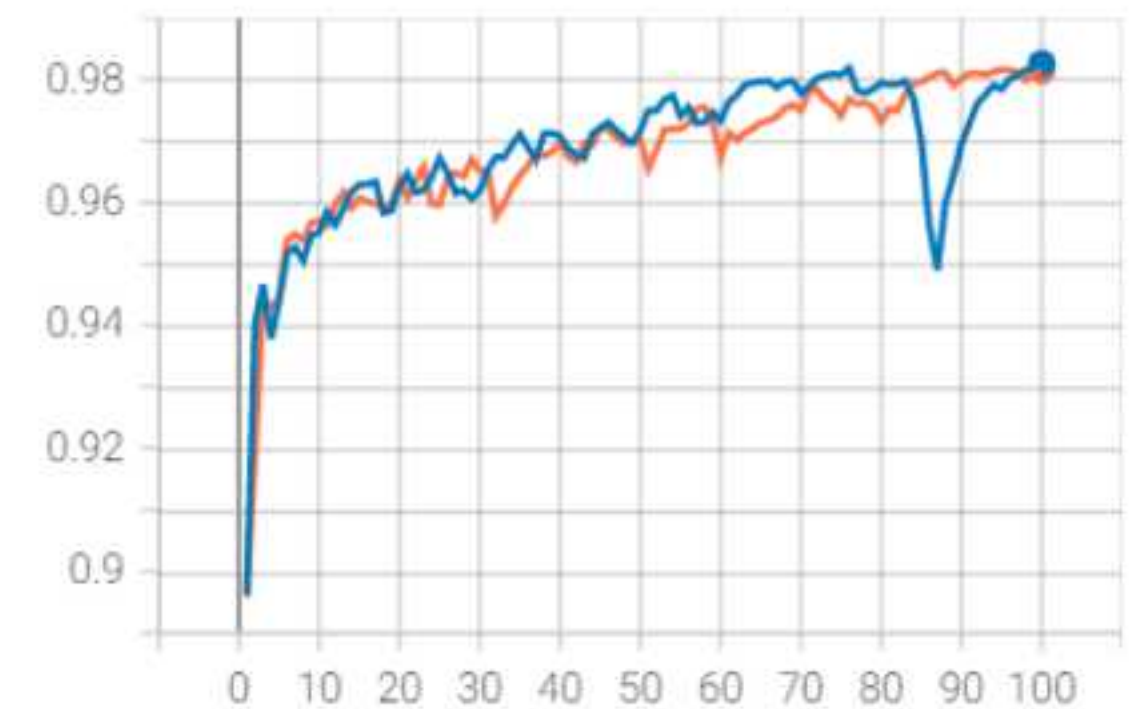
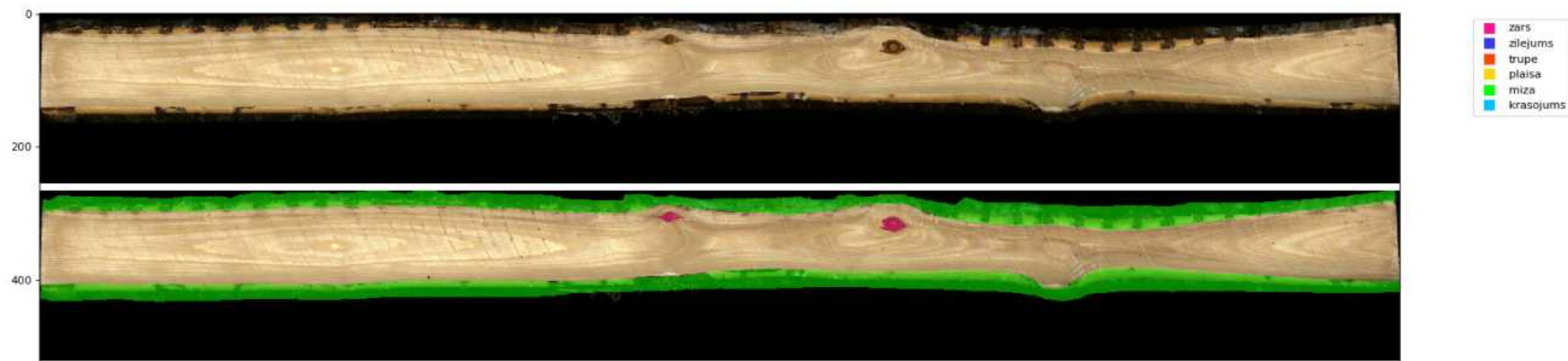
Successful project in collaboration with medium size company to obtain high-precision AI models for detecting defects in wooden planks to automatically plan cutting and manufacturing processes. **70-99% precision to various classes of damage.**

Published BDAI 2022

Partner: <http://www.zippyvision.com>



Project #1 – Detection of defects in wooden planks for bandsaw solution.



Project #2 – Detection of damage for car rental service using photos.



Successful project to segment different types of defects in cars using mobile phone after returning them to the rent and before re-selling. Especially difficult problem, because even human labelers cannot distinguish between reflections and dents.

0.88 IoU for scratches, dents, chips, dirt, rust.

Partner: <http://www.scopetechnology.com>



Project #2 – Detection of damage for car rental service using photos.

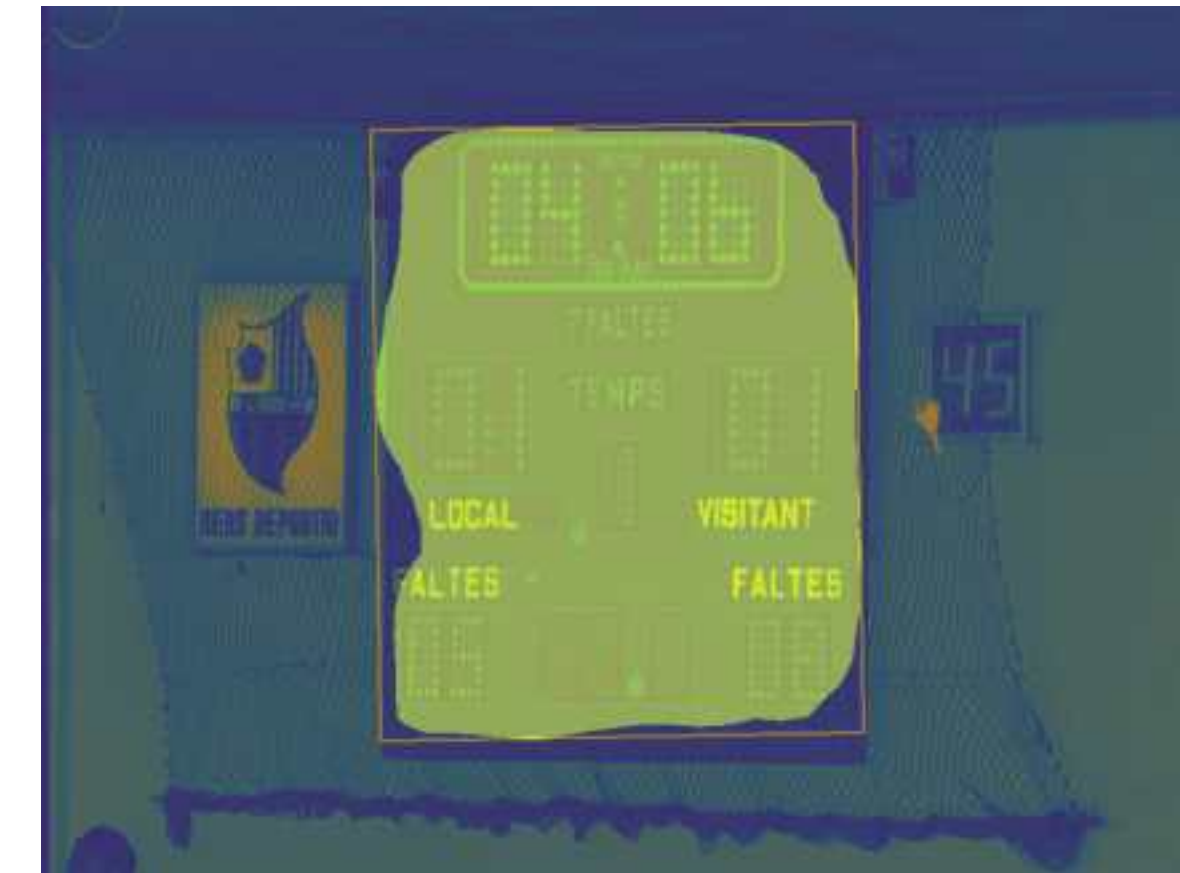


Project #3 – Detection of tabloid for live TV score tracking

Successful project to segment complex situations of tabloids with different obstructions like nets, people, etc. Task was to automatically detect tabloid and transform it to orthogonal projection.

We were able to train such model from less than **500 samples** and **achieve accuracy over 95%**

Partner: <http://sportacentrs.com>



Found lines (green are true, red are found)



Found lines (green are true, red are found)



Found transformation: Good



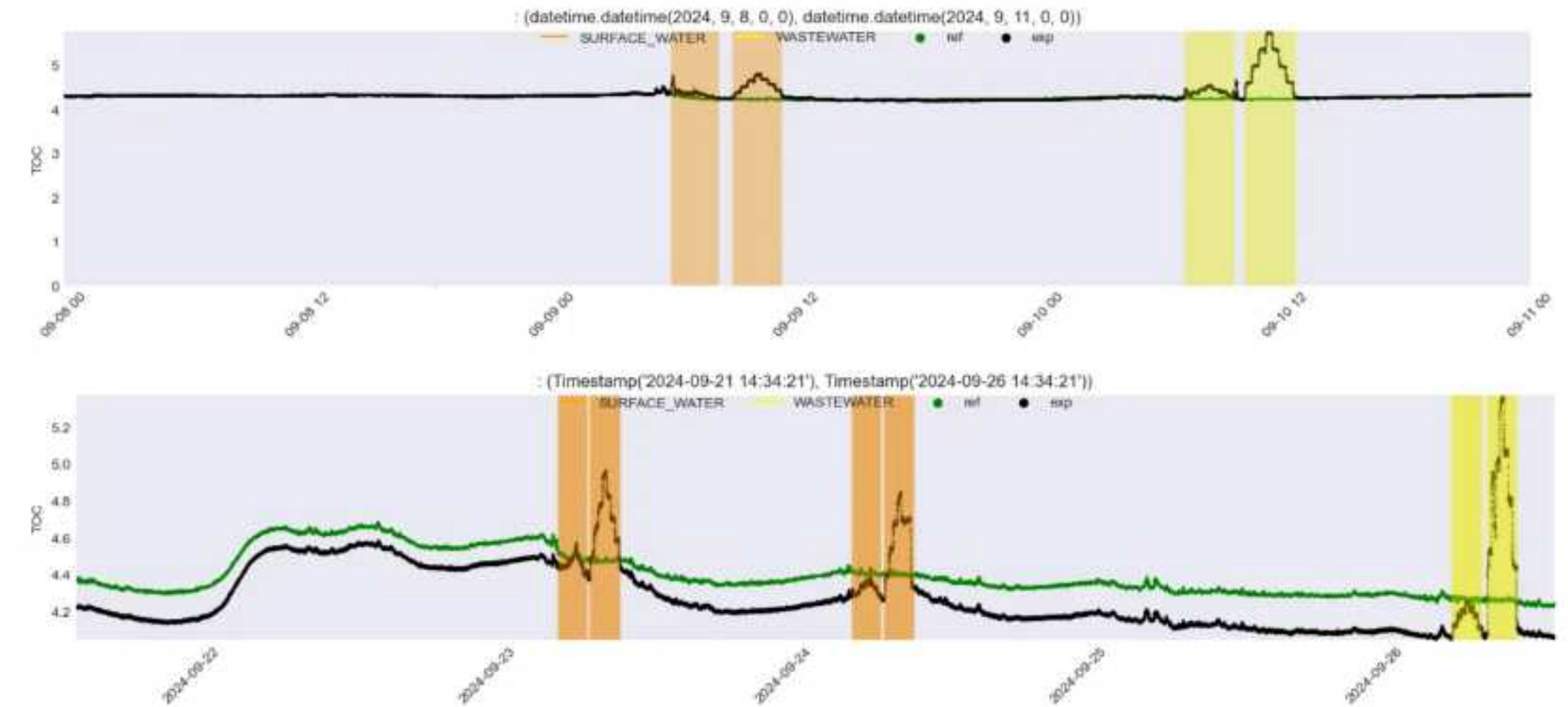
Found lines (green are true, red are found)



Found transformation: Good



Project #4 – Water quality detection using sensor readings in real-time



Waterson is an AI-powered water quality monitoring system that predicts biological contamination in drinking water using data from standard physicochemical sensors. The technology operates like a weather forecast system, analyzing conditions to predict contamination risks before they occur.

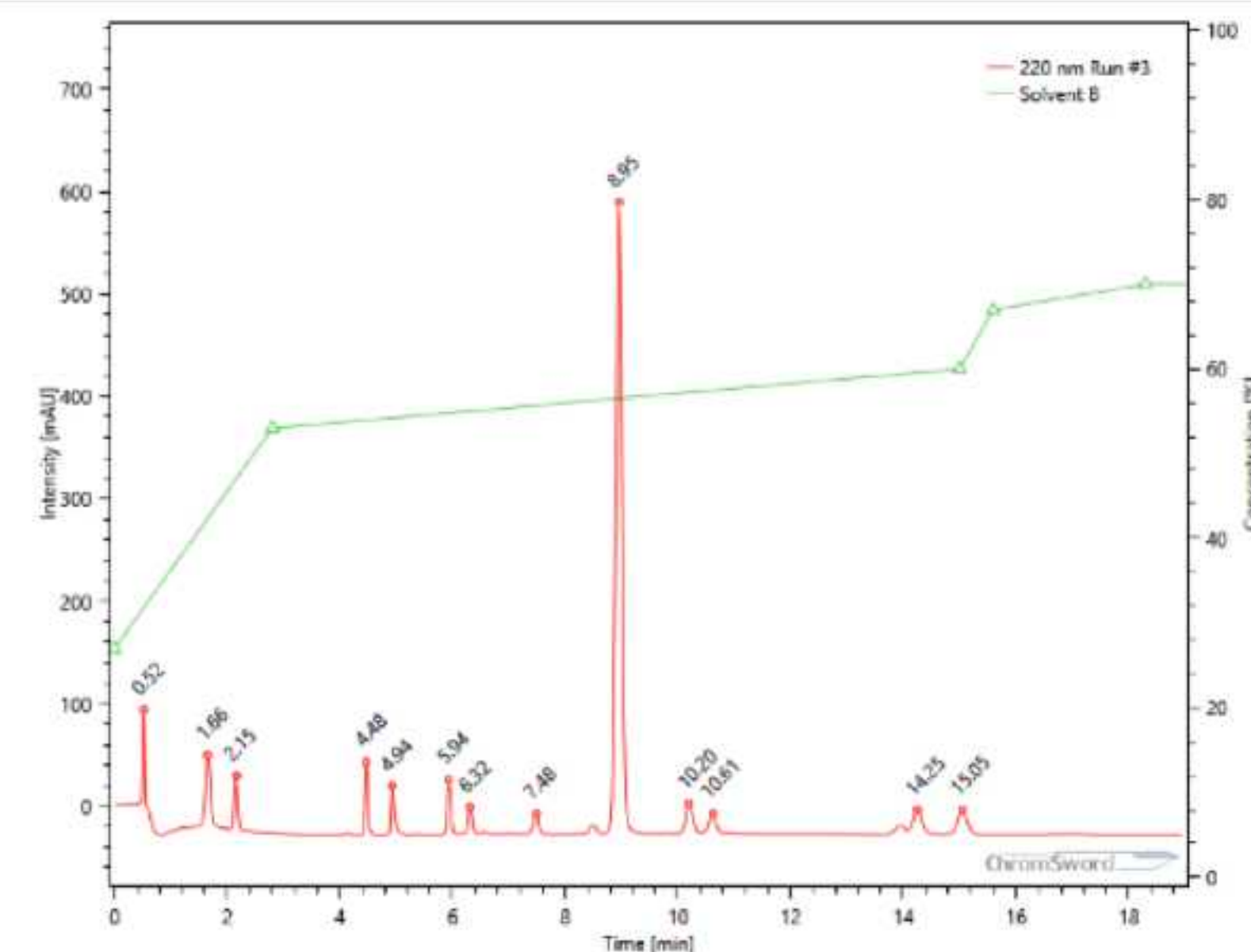
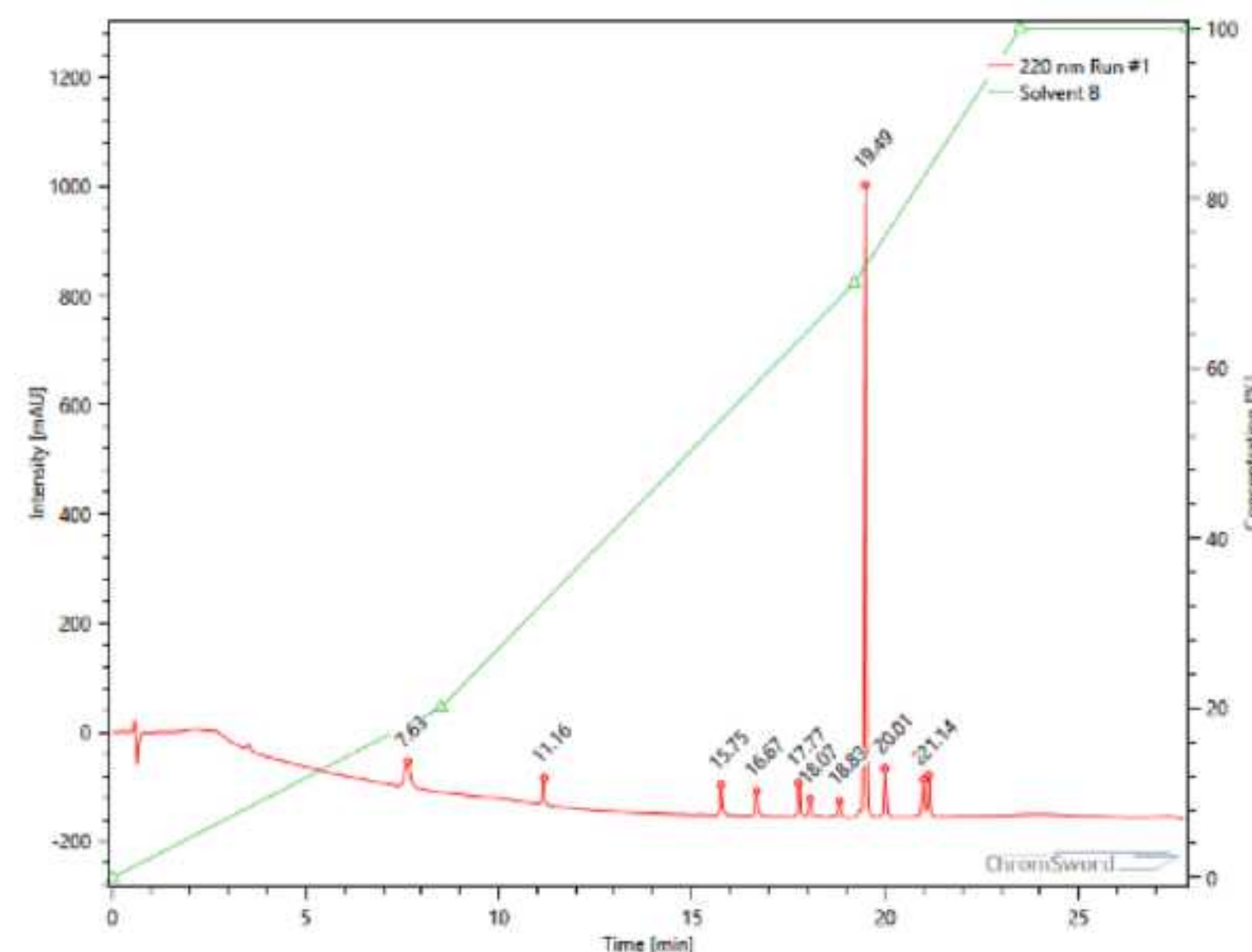
Partner: <https://waterson.lv/>



Project #5 – Solvent gradient optimization in analytical chemistry Chromatography

AI models for finding solvent gradients to separate compounds in chromatography for analytical chemistry. Automatically executes experiments to reduce human resources from **2 weeks to 2 hours** and achieve high-quality separation for unknown substances.

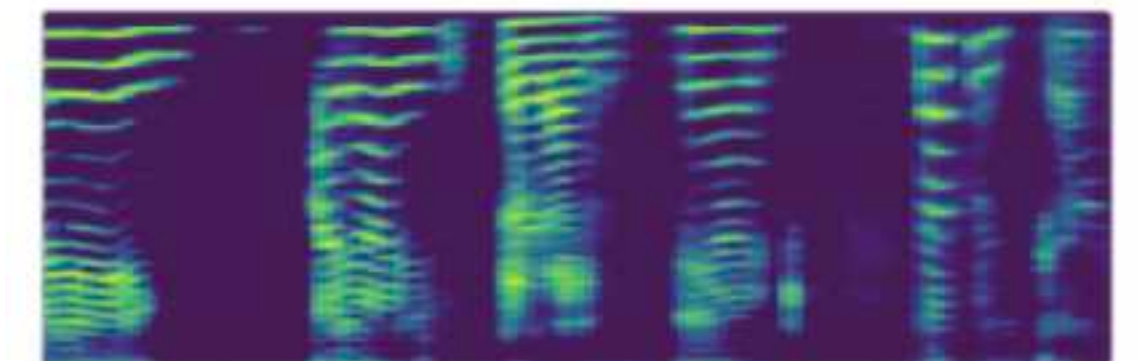
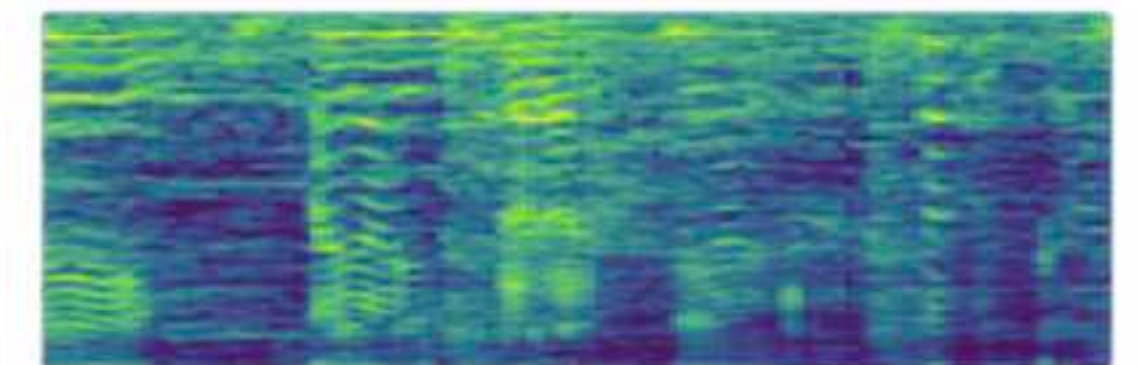
Partner: <https://www.chromsword.com>



Project #6 – Speech enhancement for microphone system.



Before (noisy audio)



After (clean audio)

Successful project with one of the largest microphone manufacturers in the region to denoise the audio signal in real time using deep learning models. Models can remove noises like: Sounds of speaker's feedback, Keyboard clicking, Traffic, Sounds of children in background, Other mechanical noises.

asya.ai PESQ: 2.595

krisp.ai PESQ: 2.266 (funding 17m USD)

Partner: <https://www.catchbox.com>

Print On Demand - use-case #1

Quality control

Our method which we have devised during our preliminary phase of R&D with Printful can automate detection of Banding, Pretreatment spraying error, Bleeding, Rust, Registraron, Wet Ink, Burn marks, Dryer errors, Head dripping, incomplete image, Dirty garment/holes, Bad placement.

More difficult defects: Holes & Dirty garment far outside of printing area.

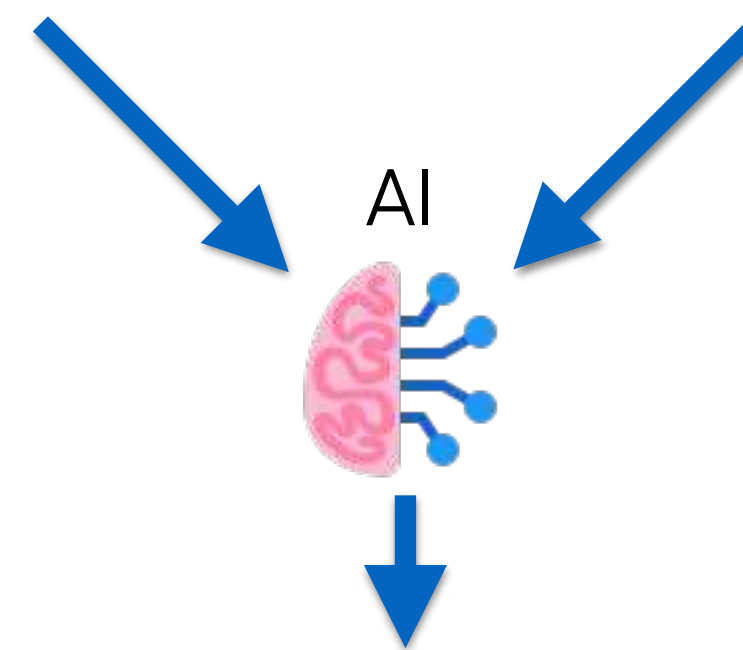
Perquisites: Need to redesign QC station for consitent photos, need to collect at least 100 faulty samples deliberately created for dataset using new station. Then automatic system to keep gathering real defect data.

Timeline: 6 months for simplest defects, up to 12 months for all defects.

Result: QC automated system



Input model
photo and source



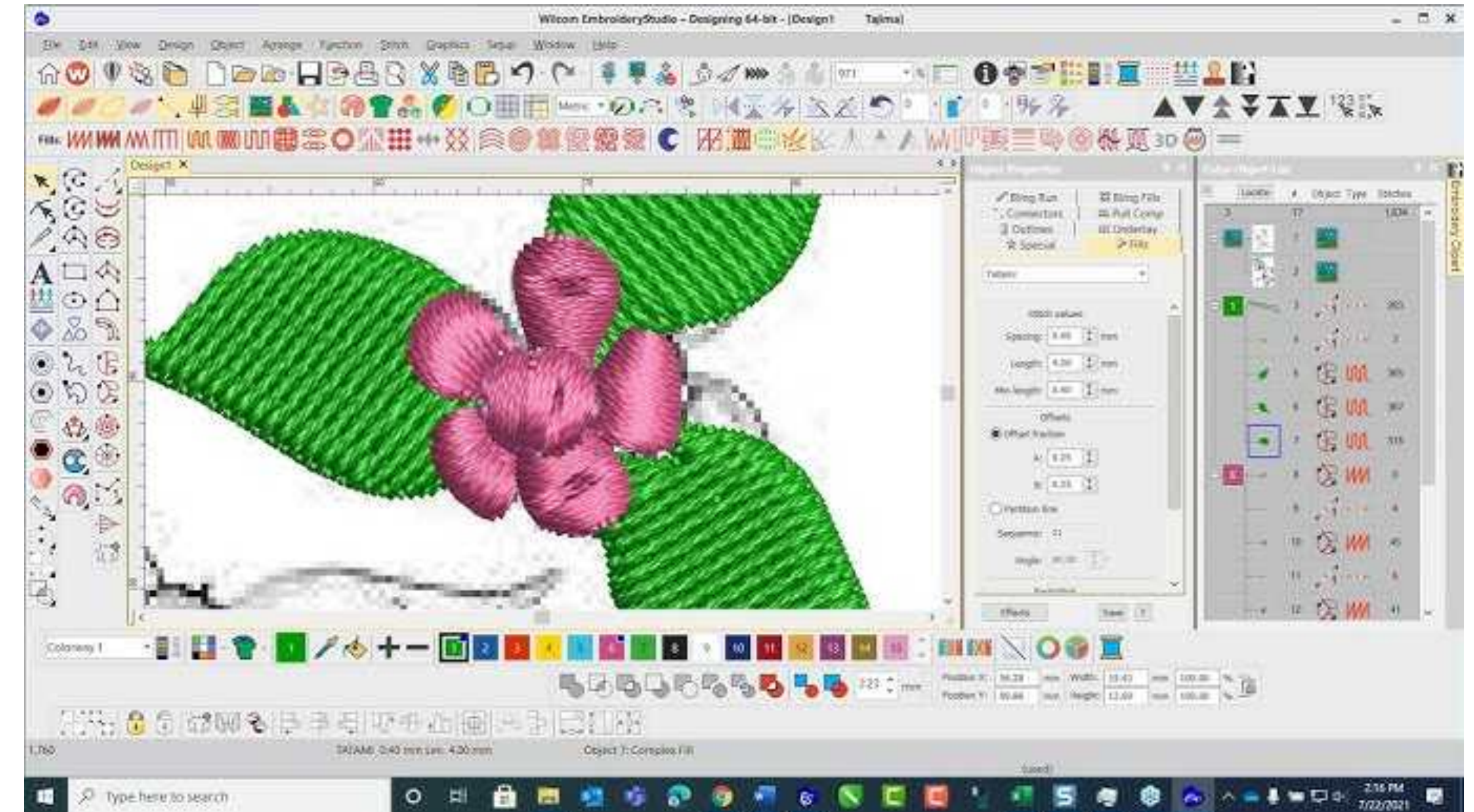
Output segmentation result



Print On Demand - use-case #2

Embroidery Digitalization

Significant cost savings by automation of creating polygons and stitching for Embroidery which is **currently done manually using outsourcing.**



Our method which we have devised during our preliminary phase of R&D with Printful can extract necessary training data from 2million EMB Willcom files and train AI model to do work currently done by humans.

Timeline: 6 months (simple shapes), 12 months fully automated process

Result: Automated process to get EMB file from Input design

asya

Vairāk informācijas

Dr. Evalds Urtans 🤖
evalds@asya.ai

Youtube "AI Ranch" aplāde

