ANZYZ TECHNOLOGIES PRESENTATION

Svein Olaf Olsen, CEO
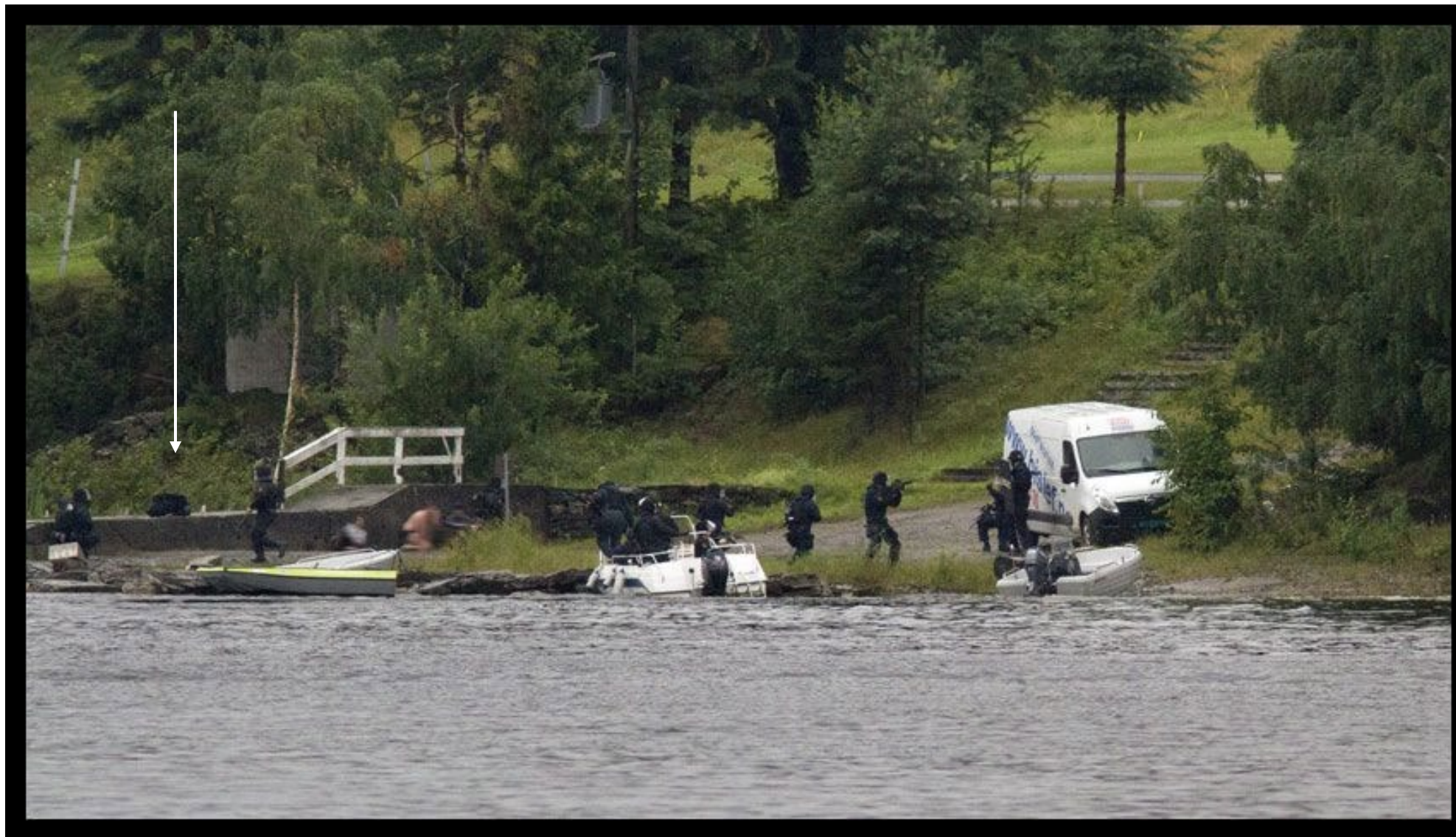Prof. Ole-Christoffer Granmo, CIO

An AI revolution
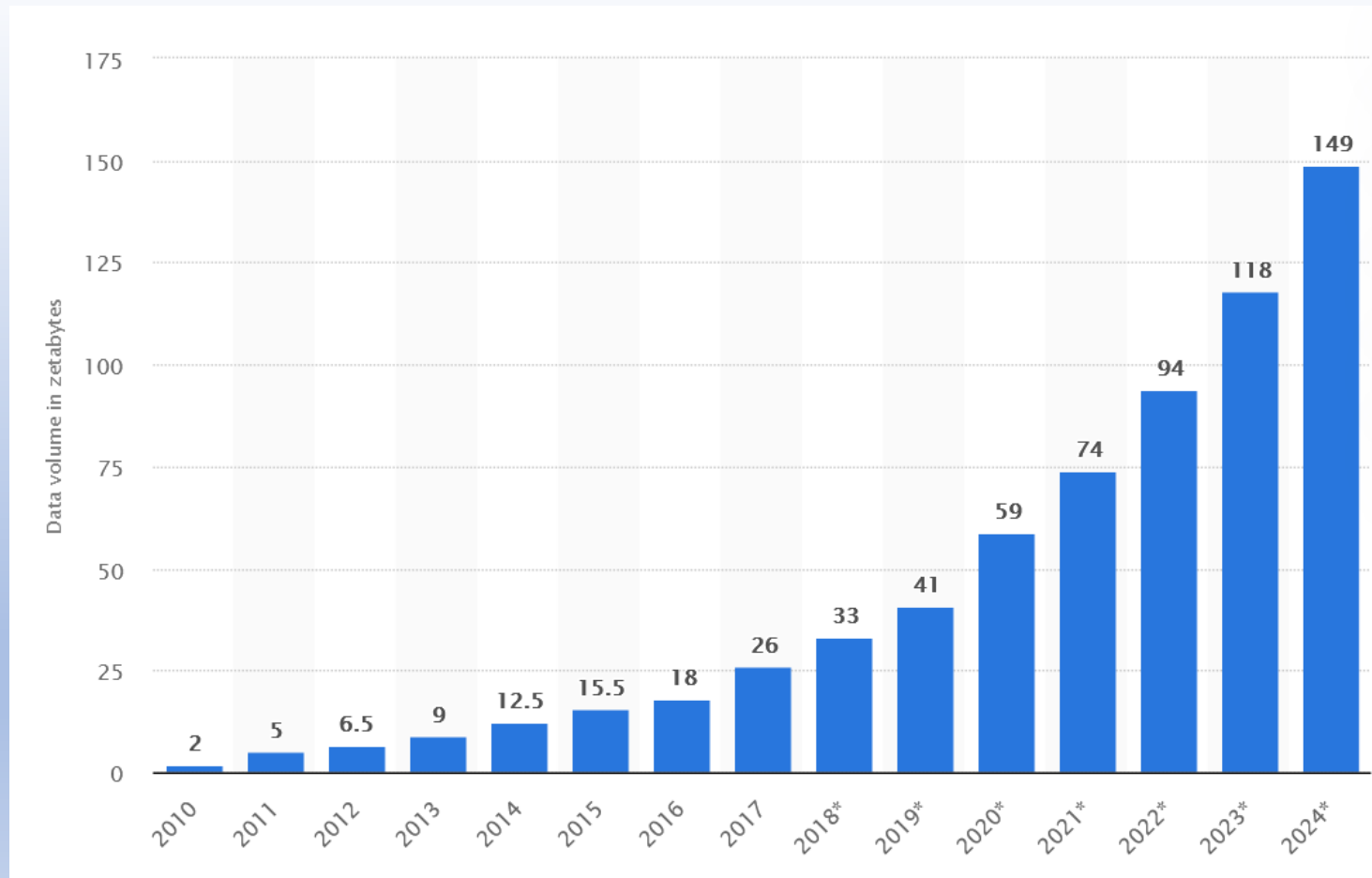
The Beginning

The problem in a data-driven world

To get access the insights that are needed most

Volume of data/information created, captured, copied, and consumed worldwide from 2010 to 2024 in zettabytes

Challange for the company

Companies Drowning in Data

Difficult making data accessible

Impossible to dig down in data

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The New York Times

August 16, 2019

"Artificial Intelligence is being taught by thousands of Office workers around the world – it is not exactly futuristic work"

Rebecca Conway for The New York Times

Anzyz Technology methodology

3 great inventions integrates supervised, unsupervised and manual rule based learning
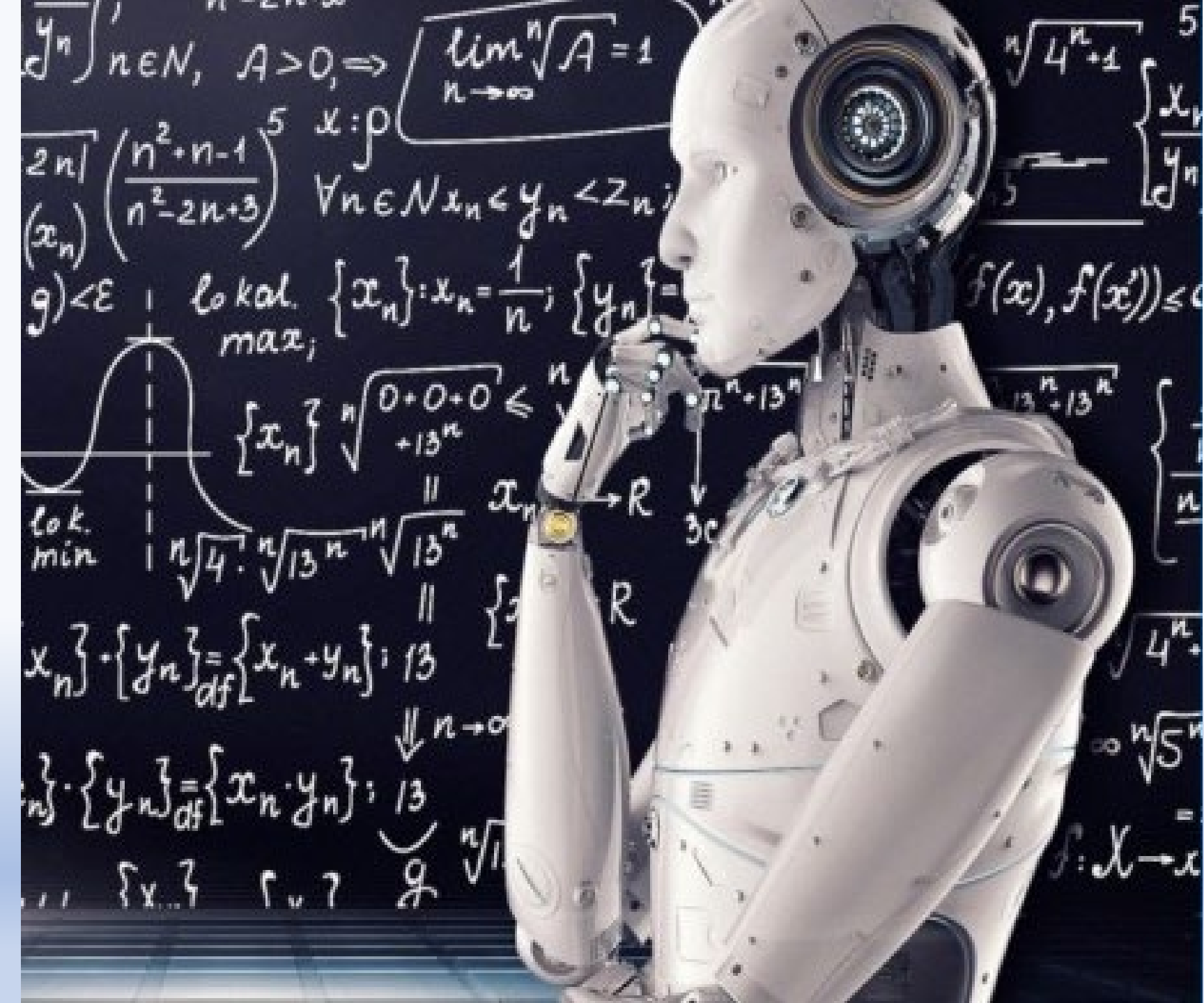
Self-learning

No manual tagging

Never been published

System called **Corpus Cube Lingustics™ - CCL™**

Anzyz CCL™ works on big and small datasets

Focused verticals

Health
USD 5.9 billion in 2020 USD 61.6 billion by 2027

Public, Defence, Security
Security market USD 5.08 billion in 2020

Legal and Compliance
Legaltech USD 3,2 billion 2018 growth USD 37,8 billion 2026

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Anzyz CCL Unique Winning Points

- CCL™ is the same regardless of language, alphabet or dialect

    - Low costs of operation

    - Multiple value addition in terms of lowered human and technical resources

    - Saving time on operations and resources

- We are able to predict the future – not published

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Anzyz superior technology
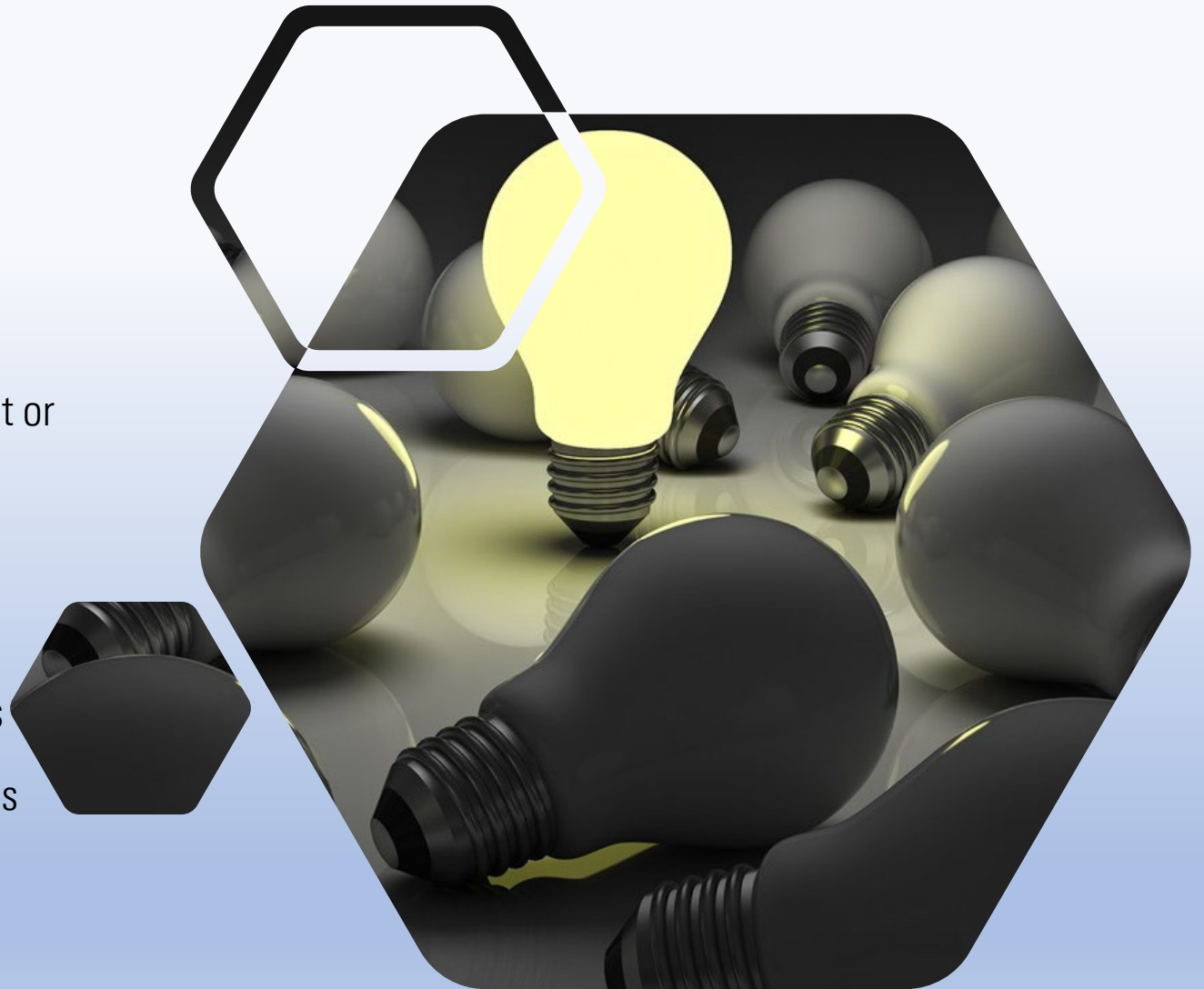
- Anzyz is self-learning

- No manual tagging

- Works on multiple platforms

ANZYZ

The most powerful and advanced analysis system

- All languages
- Dialects
- All alphabets
- Jargon, typos, slang and new words
- Double meaning, misspellings and emoticons

ANZYZ

One hour to learn to use

No special expertise is needed

ANZYZ

IKKS

Journaltreff

Konsept

Allergi informasjon

Journalkilder

Pasient ID

23   Søk

☐ Journaler

$MED-K Innkomstjournal 05.07.1998 12:00:00

RAD Henvisning ekstern skannet-so 02.06.2008 11:05:05

ORT Innkomstnotat-so 03.06.2008 05:19:05

ORT Ekstern sykepl. rapp 11.06.2008 06:38:15

ORT Ambulansejournal 11.06.2008 06:40:33

ORT Sykepleie Planl utskr/viktig beskjed 11.06.2008 06:44:19

ORT Operasjonsmelding 11.06.2008 06:45:15

ORT Medisinark 11.06.2008 06:49:55

Informasjon om valgt pasient

ID: 23 Hashid: UMWgjAM0xO3jJfg2jKIAAA==
Kjønn: Kvinne Alder: 76

Operasjonsdato: 02.01.2014 08:00:00
Operasjonstype: Osteosyntese m/glidenagle
(DHS/HCS), fraktur, prox femur

Ø.hjelp: Ja

Journalinformasjon

ikke nakkekrage på. Man setter det på på rtg.før man tok et rtg.cervical columna.
På akuttmottaket klager hun over smerter i nakken og hodet. Ingen kvalme eller oppkast.
Jeg ser til pas. og gjennomfører nevrologisk us. uten funn.
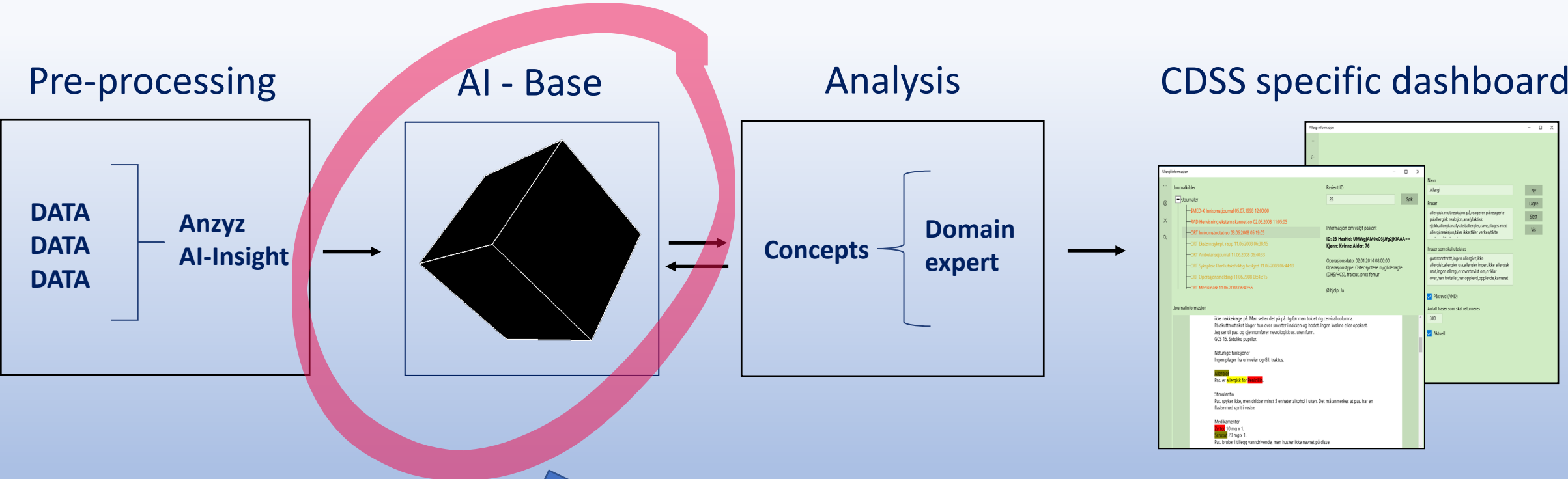GCS 15. Sidelike pupiller.

Naturlige funksjoner
Ingen plager fra urinveier og G.I. traktus.

Allergier
Pas. er allergisk for Penicillin.

Stimulantia
Pas. røyker ikke, men drikker minst 5 enheter alkohol i uken. Det må anmerkes at pas. har en
flaske med sprit i veske.

Medikamenter
Zyrtec 10 mg x 1.
Seroxat 20 mg x 1.
Pas. bruker i tillegg vanndrivende, men husker ikke navnet på disse.

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Anzyz AI-Insight Process Hospital case

Pre-processing

AI - Base

Analysis

CDSS specific dashboard

DATA
DATA
DATA

Anzyz
AI-Insight

Concepts

Domain
expert

Our self-learning algorithm
tagged millions of words,
and syntacs in three days

ANZYZ

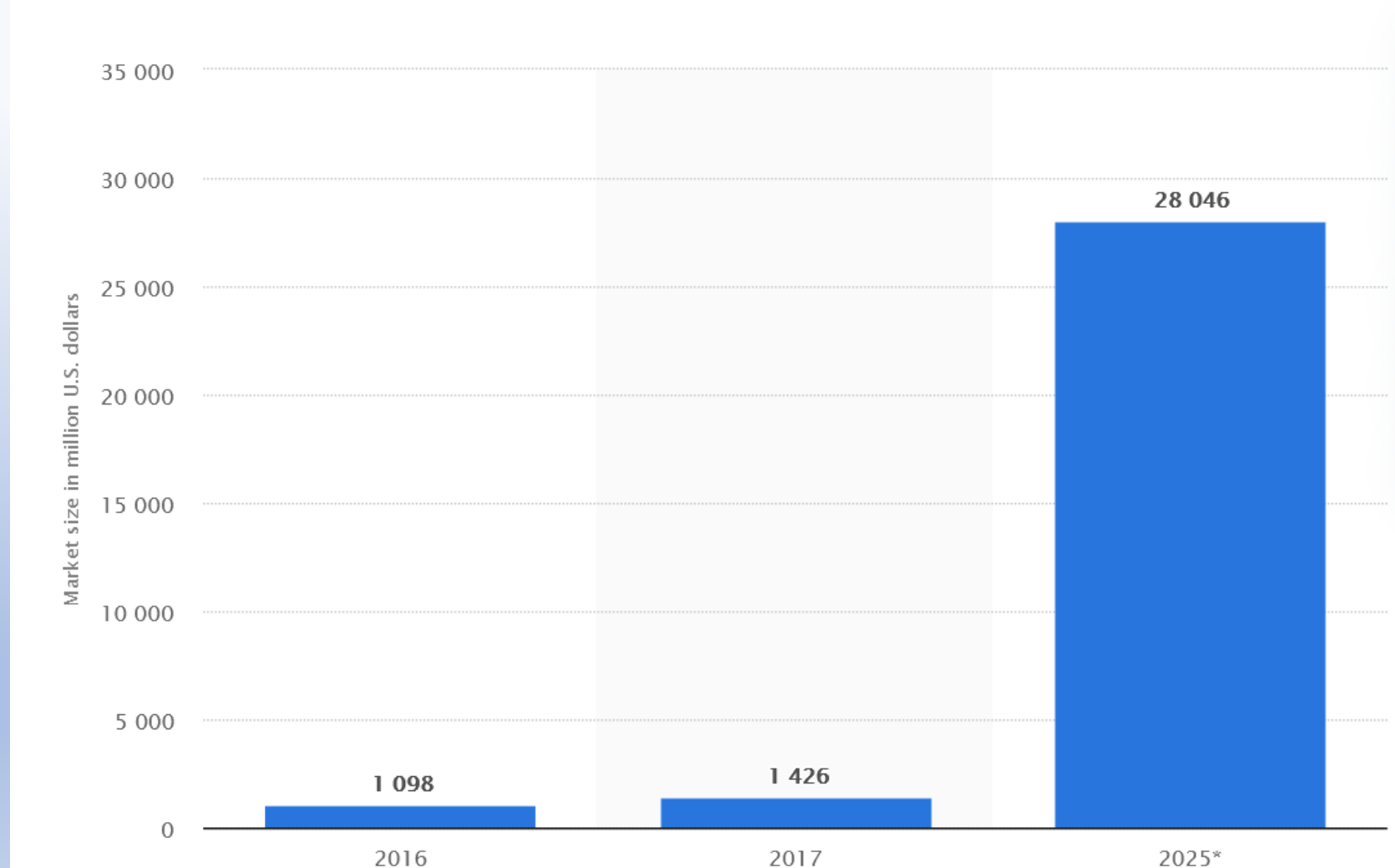# Anzyz AI-Zelf ™

Estimert kostpris NOK 5-7 mill.

Zelf - service

Zelf-learning

Zelf-analyse

Zelf-made

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Global market size for artificial intelligence in healthcare in 2016, 2017 and a forecast for 2025
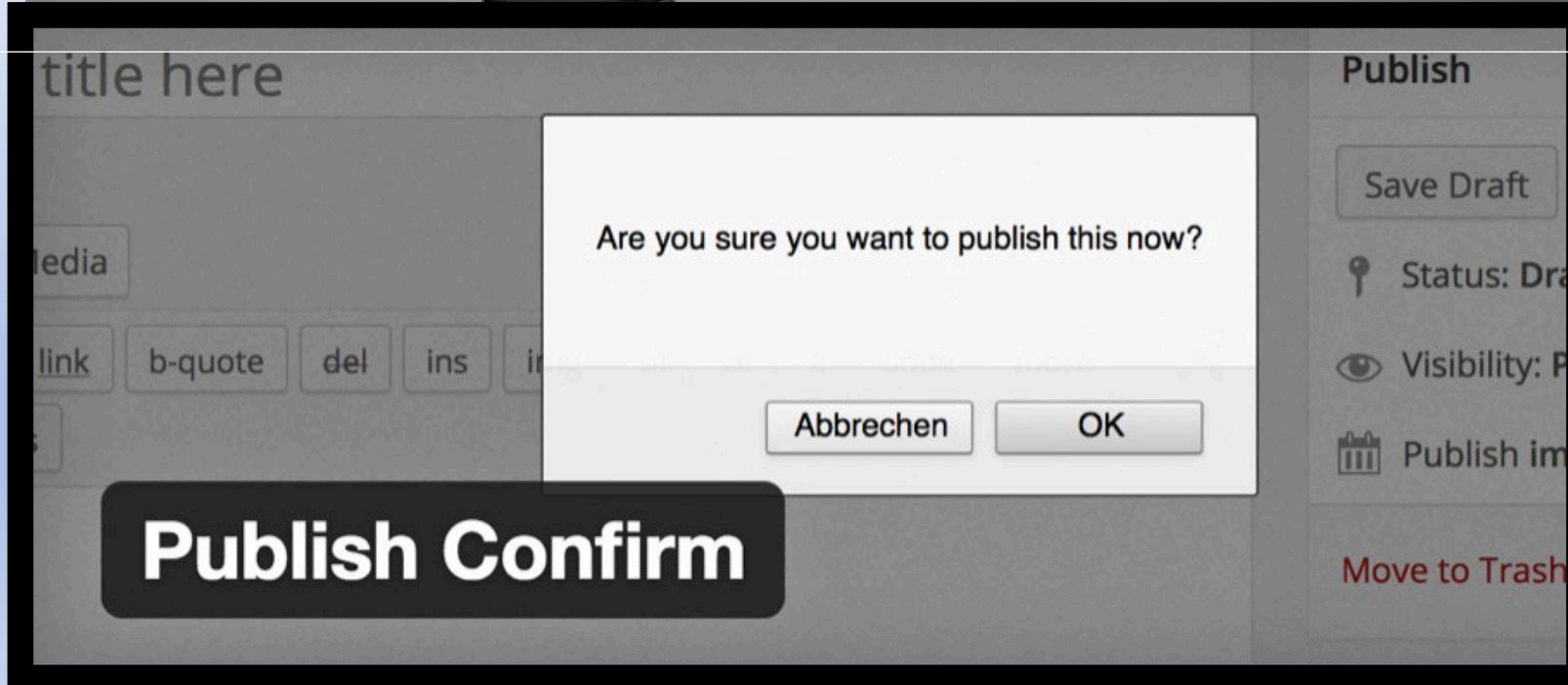
Machine
+ Human
= Superhuman Intelligence

Three great inventions integrates supervised, unsupervised and manual rule-based learning

Never been published

Founders

Professor Ole-Christoffer Granmo is Director of the Centre for Artificial Intelligence Research (CAIR) at the University of Agder (UiA), Norway. His passion for artificial intelligence was lit at the age of ten when he got his first computer and discovered programming. Fascinated by the idea of superintelligence, he obtained his master's degree in informatics in 1999 and the PhD degree in 2004, both from the University of Oslo, Norway.

Granmo develops theory and algorithms for systems that explore, experiment and learn in complex real-world environments. Drawing inspiration from the paradigms of deep reinforcement learning and probabilistic causal reasoning, he seeks to surpass human capability in flexible pattern recognition, model building and reasoning. Within his field of research, Granmo has written more than 115 refereed journal- and conference publications.

Apart from his academic endeavors, he is also co-founder of Anzyz Technologies AS. His industrial experience includes social media, energy markets, insurance, emergency management, oil and gas, telecom, and the public sector. Within these areas, Dr. Granmo has provided a wide range of data analysis and forecasting solutions, involving data- and text mining. His area of expertise further covers monitoring and control, as well as optimization and resource allocation, extended to visualization, simulation and decision support. Together with Svein Olaf Olsen, Granmo founded Anzyz Technologies AS in 2014.

Svein Olaf Olsen has a MA in Special Needs Pedagogy and Communication from Statens Spesiallærerhøyskole, now University of Oslo. Olsen has worked as CEO in various different industries, such as transport, tourism, property development, industrial sectors, telecom and IT. Furthermore, he has founded several companies in Scandinavia, Africa and Central Asia. In addition, Olsen has experience from working as a journalist at both Nye Sørlandet and Aftenposten. He has served on numerous company boards. Together with Ole-Christoffer Granmo, Olsen founded Anzyz Technologies AS in 2014.

ANZYZ

The Team

Ex major Kristiansand-gründer-sivil økonom

Sold Chipcon for NOK 1,3 mrd I 2006.

Board Members

Departments officers

Founder of Pexip

IT Department

Consultants

ANZYZ ANZYZ

Microsoft and Anzyz

Milestones:

ISV Partner – January 2019

OCP Partner – November 2020

Microsoft OCP program:

One Commercial Partner (OCP) organisation offers an operating model that enhances the potential value that we can offer the market together. Under the new model we will take on even more of an orchestrating and advisory role, making it easier for our customers to gain value from the solutions offered by Microsoft partners.

    Health (Western European e-health Team)

    Legal (Europe)

    Public, Defense Security (Redmond)

Microsoft use Anzyz as their tool for text analytics and are incorporated in Cognitive Search

Benchmarking case 1

800.000

Electronic Patient Records

X

172

Pages on average

The 800.000 EPJs were analysed in Anzyz CCL and benchmarked against facebook self-learning system starspace

CCL™ ANZYZ

- Captures the meaning of 1.8 million phrases
- Multi-word phrases
- Two days to learn the meaning of 1.8 million phrases

Starspace facebook

- Captures the meaning of 44.000 phrases
- Single word phrases
- Ten days to learn the 44.000 phrases

Benchmarking case 3

2 seconds
92.6% accuracy

4 hours
77% accuracy

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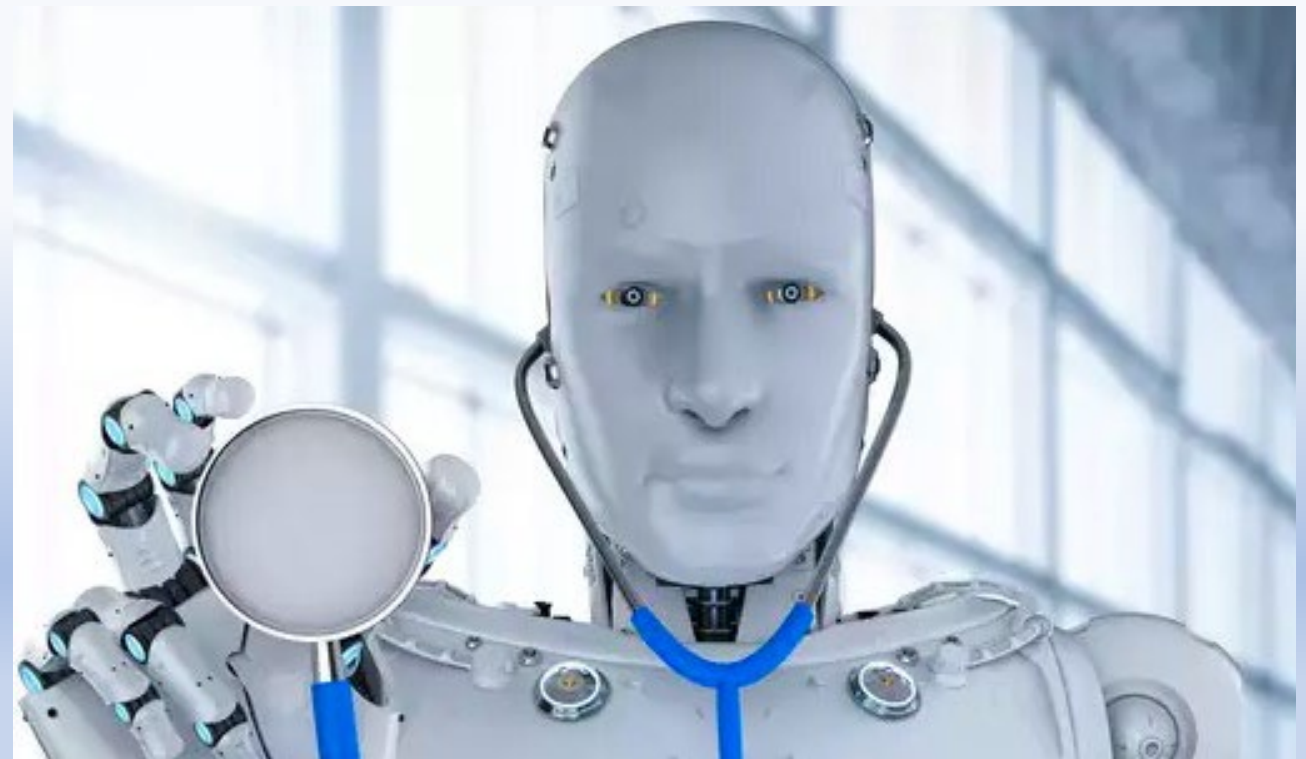
Profit & Loss Statement – Forecast 2021-2025

Profit & Loss Statement

	2021E	2022E	2023E	2024E	2025E
Figures in NOK million					
Total revenue	**19,2**	**46,0**	**127,6**	**321,4**	**761,6**
Cost of goods sold (Expensed internal/external R&D costs)	-5,9	-8,7	-20,5	-36,0	-55,2
Salaries and Personnel Costs	-9,8	-25,7	-52,6	-83,6	-119,0
Other operating expenses	-5,5	-11,5	-23,6	-38,4	-69,9
Total operating expenses	**-21,1**	**-45,8**	**-96,7**	**-158,1**	**-244,1**
EBITDA	**-1,9**	**0,1**	**30,8**	**163,3**	**517,5**
Depreciations and amortisations	-2,8	-3,8	-5,7	-9,4	-15,5
EBIT	**-4,7**	**-3,6**	**25,2**	**153,9**	**502,1**
Net financial items	-0,1	-0,1	0,0	0,0	0,0
Result before tax	-4,8	-3,7	25,1	153,9	502,1
Taxes (payable taxes) 1)	0,0	0,0	-2,6	-41,8	-122,6
Net profit	**-4,8**	**-3,7**	**22,5**	**112,1**	**379,5**

It's time to scale – market is Global!

Appendix Unique Features

Monitoring and surveillance

Using Anzyz Text Surveillance System Real-Time
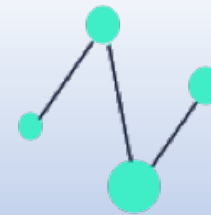
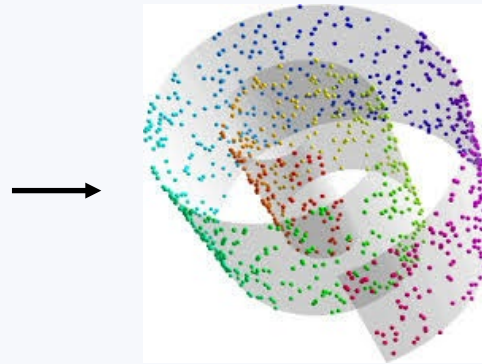# Using Anzyz AI Speech Surveillance System Real-Time

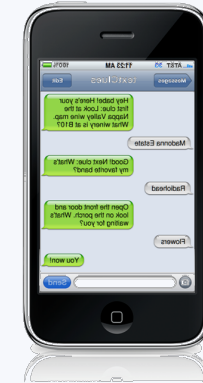# What is Anzyz AI Speech Surveillance System?
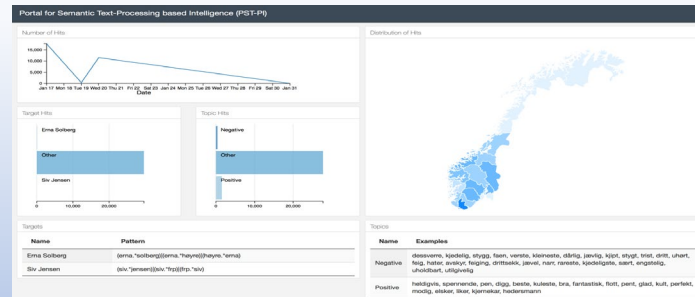

Audio Surveillance

Automatic transcription

Anti terror AI Knowledge Base

Text sent to investigator

Surveillance Dashboard

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