



Thomas Nørmark
Global Head og AI & Robotics, NTT Data

Digital Humans

and artificial intelligence

Sight
Sees and recognizes people's faces and emotions.

Voice
Talks in a natural tone and sounds excited, emphatic or neutral.

Emotions
Always positive and empathetic.

Memory
Remembers facts, faces and previous conversations.

Hearing
Hears people speak and understands natural languages.

Appearance
Expresses emotions and is recognizable.

Digital Receptionist

InCar Virtual Assistant

AI Learning Helper

Digital Sales Clerk

Powered by our Digital Human Platform

- Always available - positive and empathetic
- Can be in many places at the same time
- Offers a context-based service
- Consistent advice and service levels
- Understands and communicates emotions
- Remembers people - personalized conversation

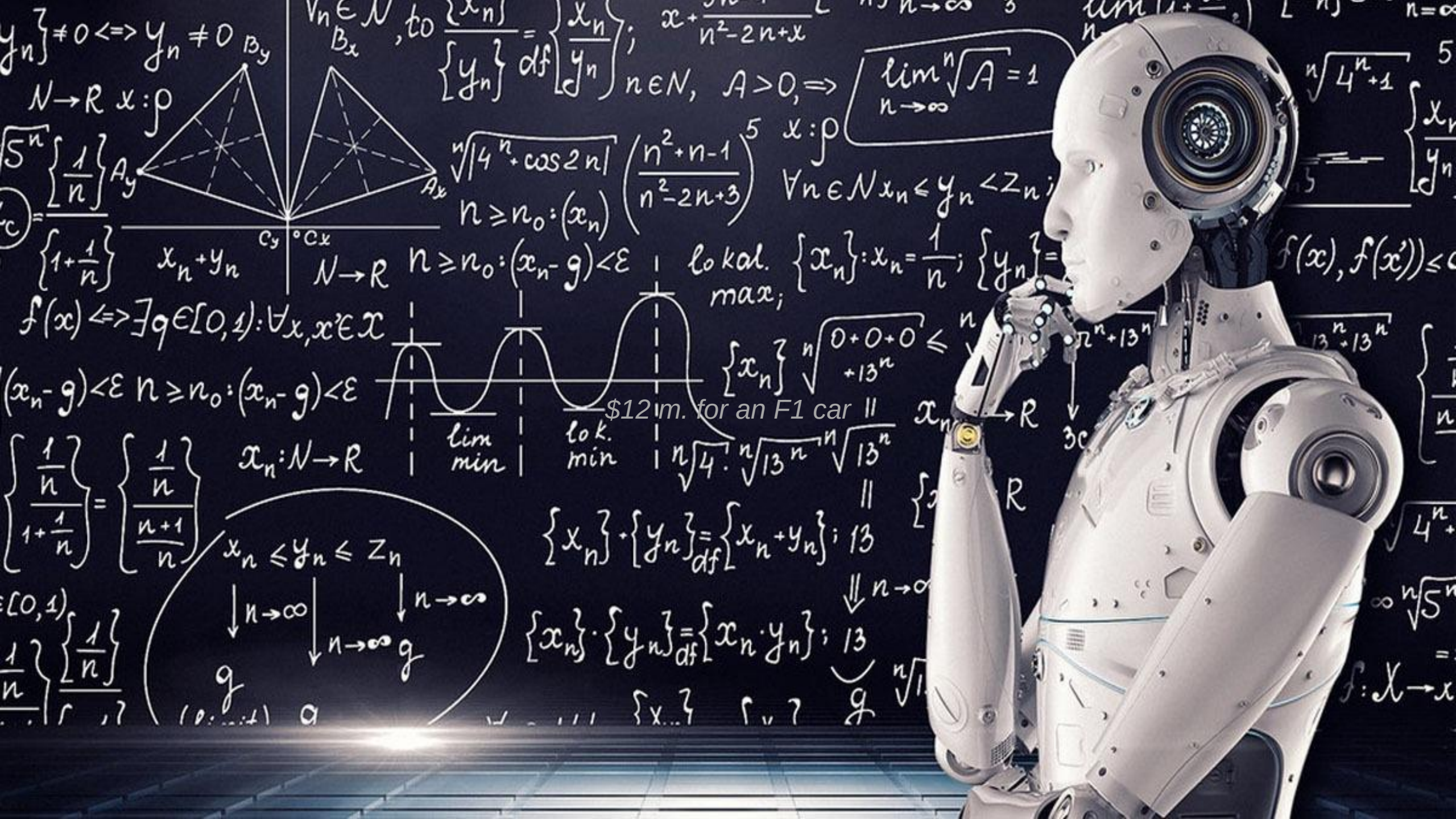
Once the
infrastructure is in
place, **money** allows
technology to be taken
to its extreme











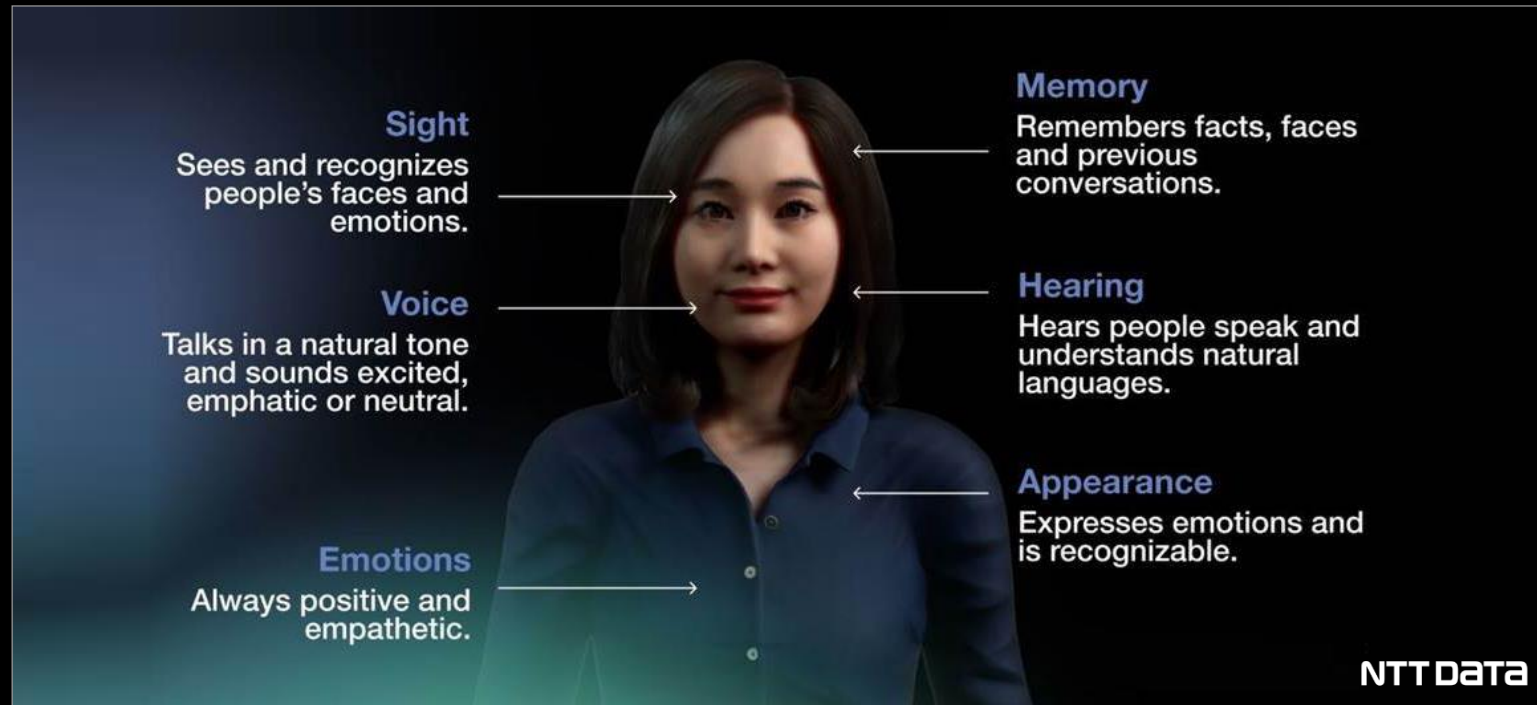




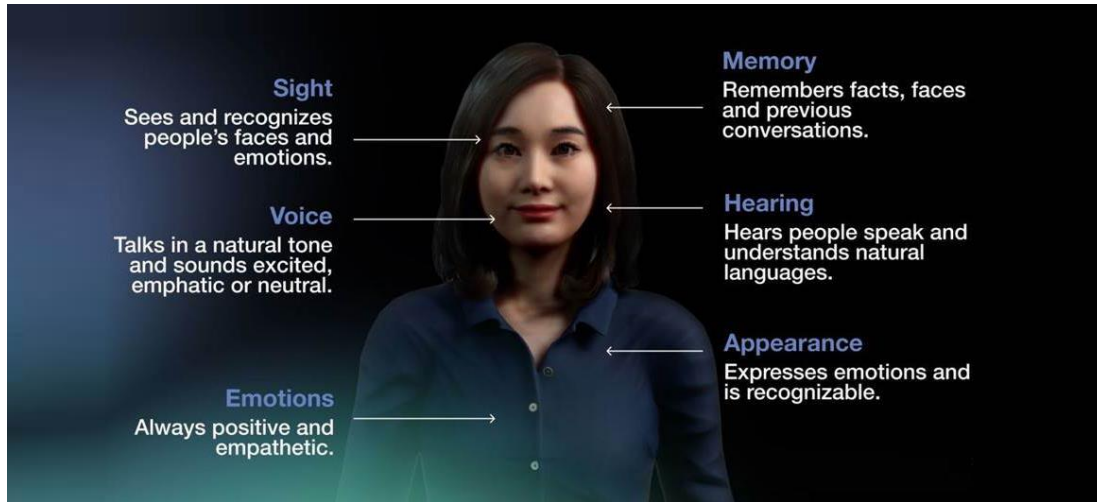
A close-up, high-resolution photograph of a woman's face, focusing on her right eye. The eye is brown and has long, dark, well-defined eyelashes. Within the iris, there is a clear, detailed reflection of a person's face, possibly a woman, looking directly at the camera. The skin around the eye is fair and has a soft, natural texture. The lighting is warm and soft, coming from the side, creating a gentle glow on the skin. The overall composition is intimate and evocative, suggesting a connection between the human and the digital world.

HUMANIZING
COMPUTING
TO BETTER
HUMANITY

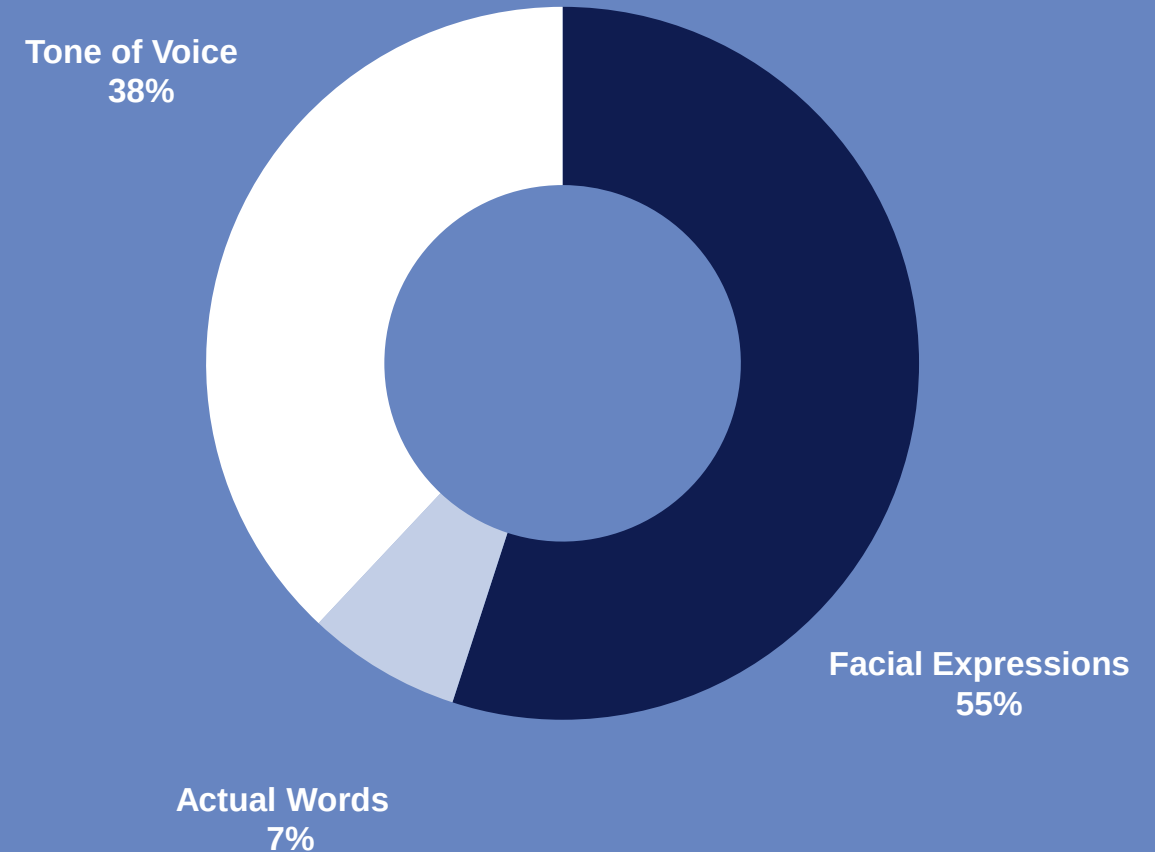
Human Digital Twin



The Digital Human can convey the emotion required to have a successful interaction

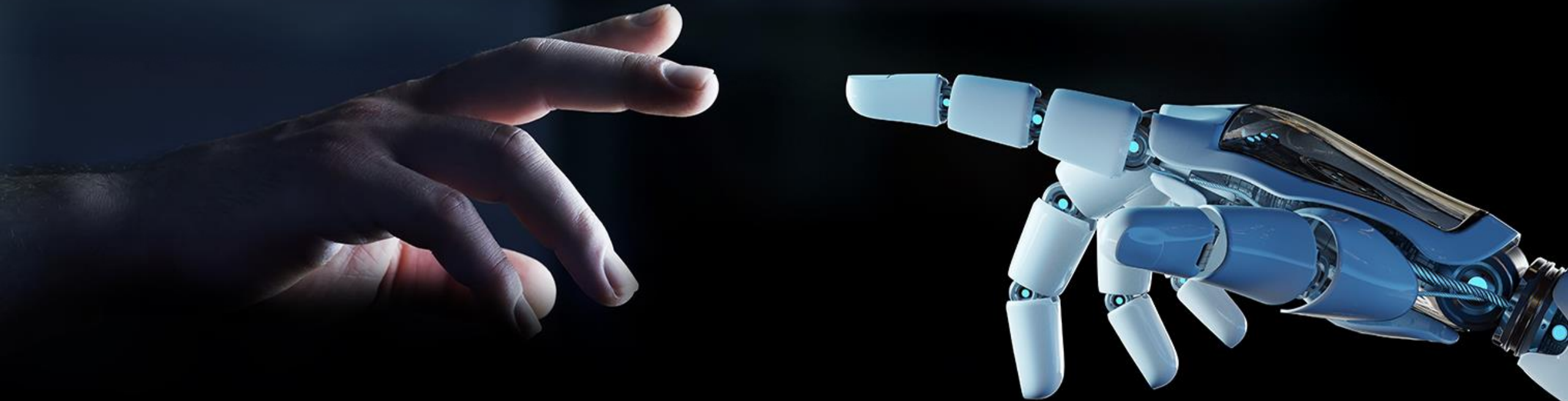


Emotional Connection



“.. emotionally connected customers are more than twice as valuable as “highly satisfied” customers.”

- Harvard Business Review





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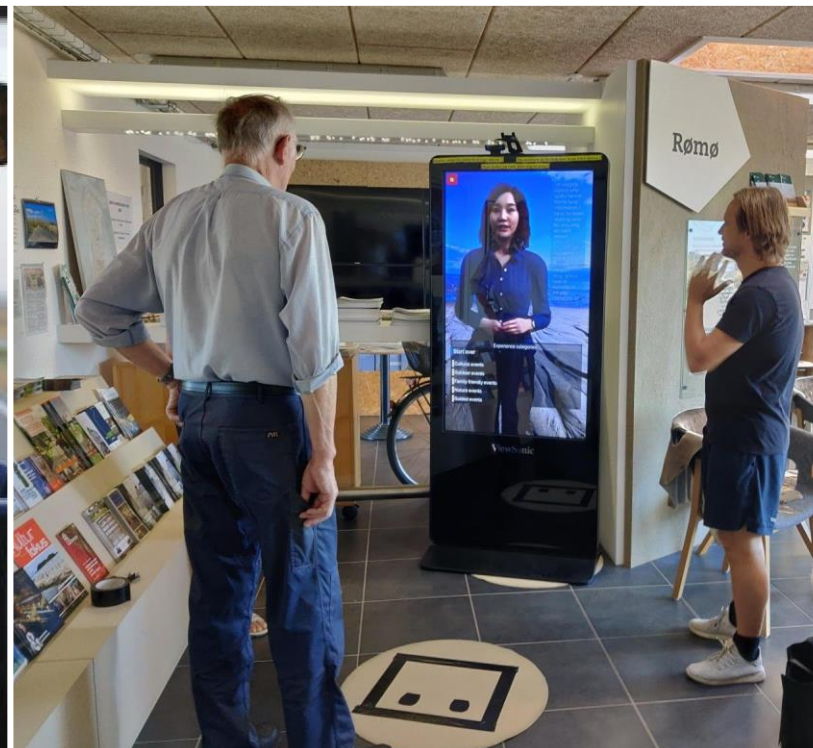
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Digital Receptionist



InCar Virtual Assistant



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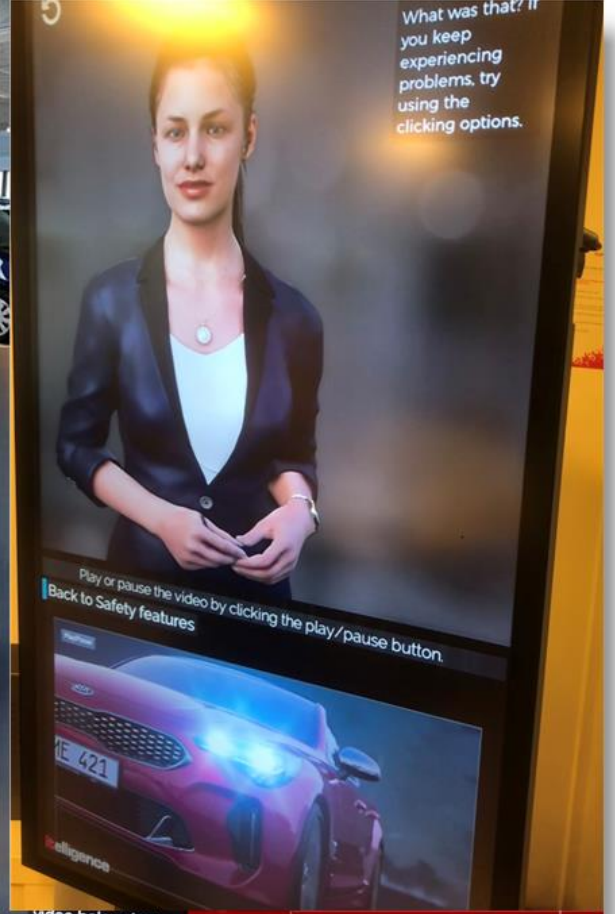
Digital Sales Clerk





KIA MOTORS







Fast Track
Business and
Cardholders only

Fast Track
Business and
Cardholders only

Fast Track
Business and
Cardholders only

Danmarks
mest solgte
Plug-in Hybrid
2019

niro
plug-in hybrid

49
71,4

niro
plug-in hybrid

KIA

Show me the vision.

The KIA e-Niro Vision is the simplest version of the cars, but it still has everything you need. It has for example a lane follow assistant, cruise control and an electronic parking brake. I can elaborate some of these features for you if you want!

These are the features I can elaborate for you:

- Back to More about a specific type
- Lane follow assistant
- Cruise control
- Electronic parking brake

Intelligence





Hi there, I'm Kia
Mia, and I can tell
you about
electric cars.
What can I help
you with?

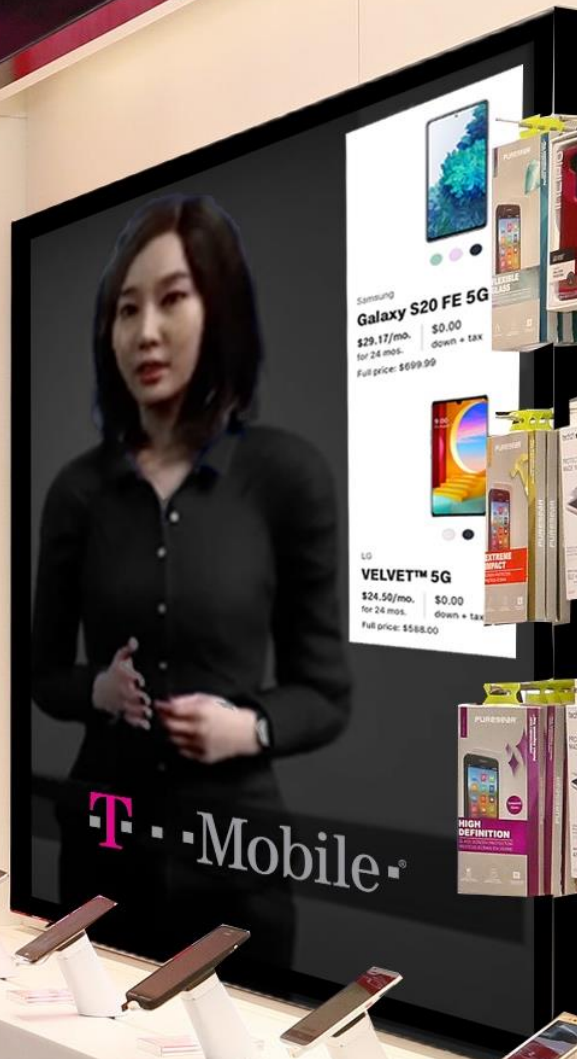
Here are some subjects you can ask me about. Say the subject to me, or
simply click it.

- | The new fully electric car from KIA
- | Electric cars in general
- | Information about this shop

itelligence



@WORK



Samsung
Galaxy S20 FE 5G
\$29.17/mo. \$0.00
for 24 mos. down + tax
Full price: \$699.99

LG
VELVET™ 5G
\$24.50/mo. \$0.00
for 24 mos. down + tax
Full price: \$588.00





Digital Receptionist



InCar Virtual Assistant

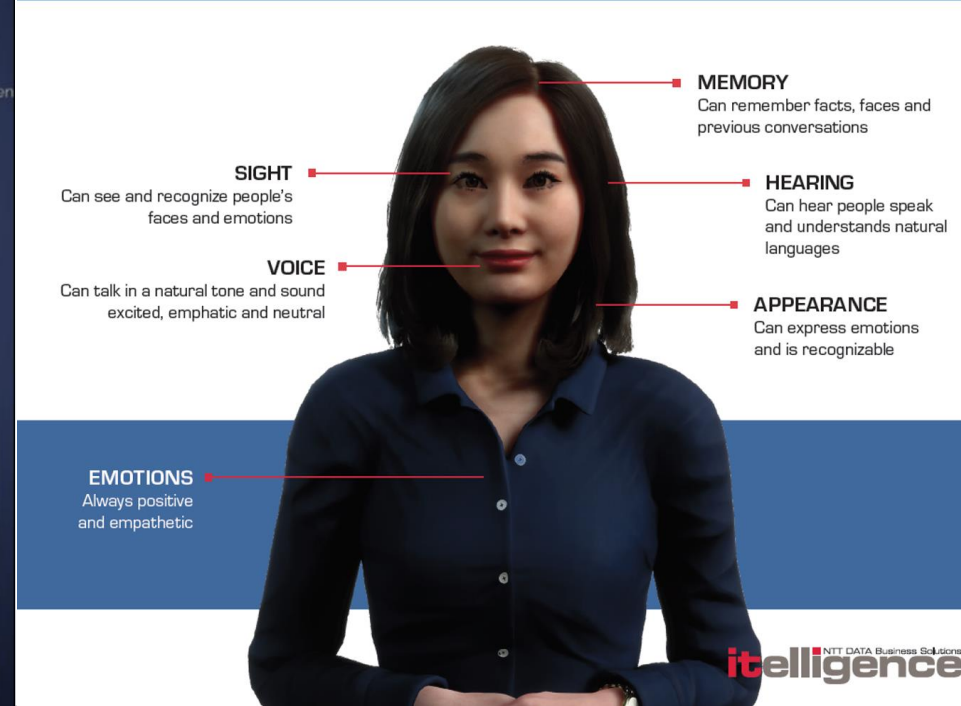
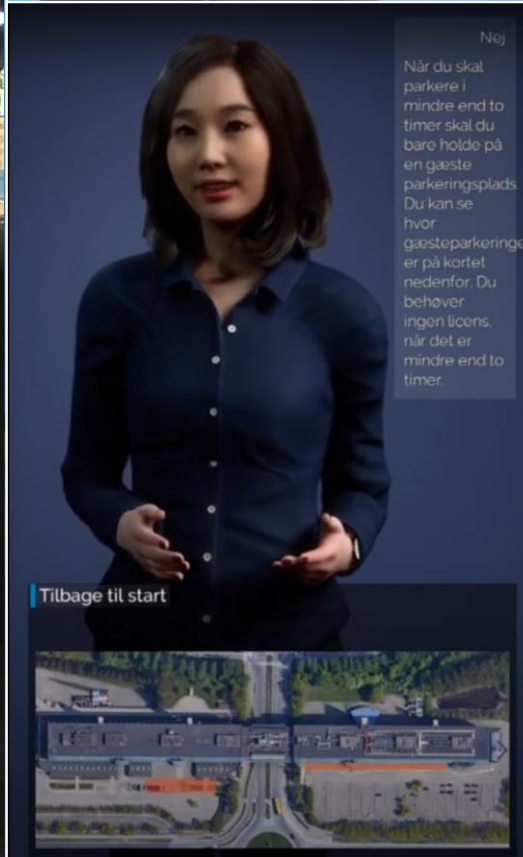
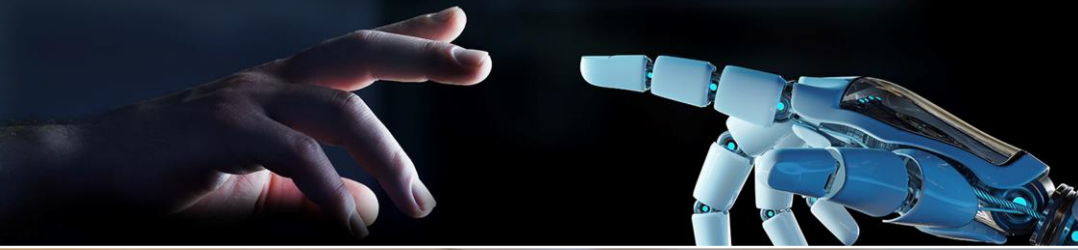


AI Learning Helper



Digital Sales Clerk

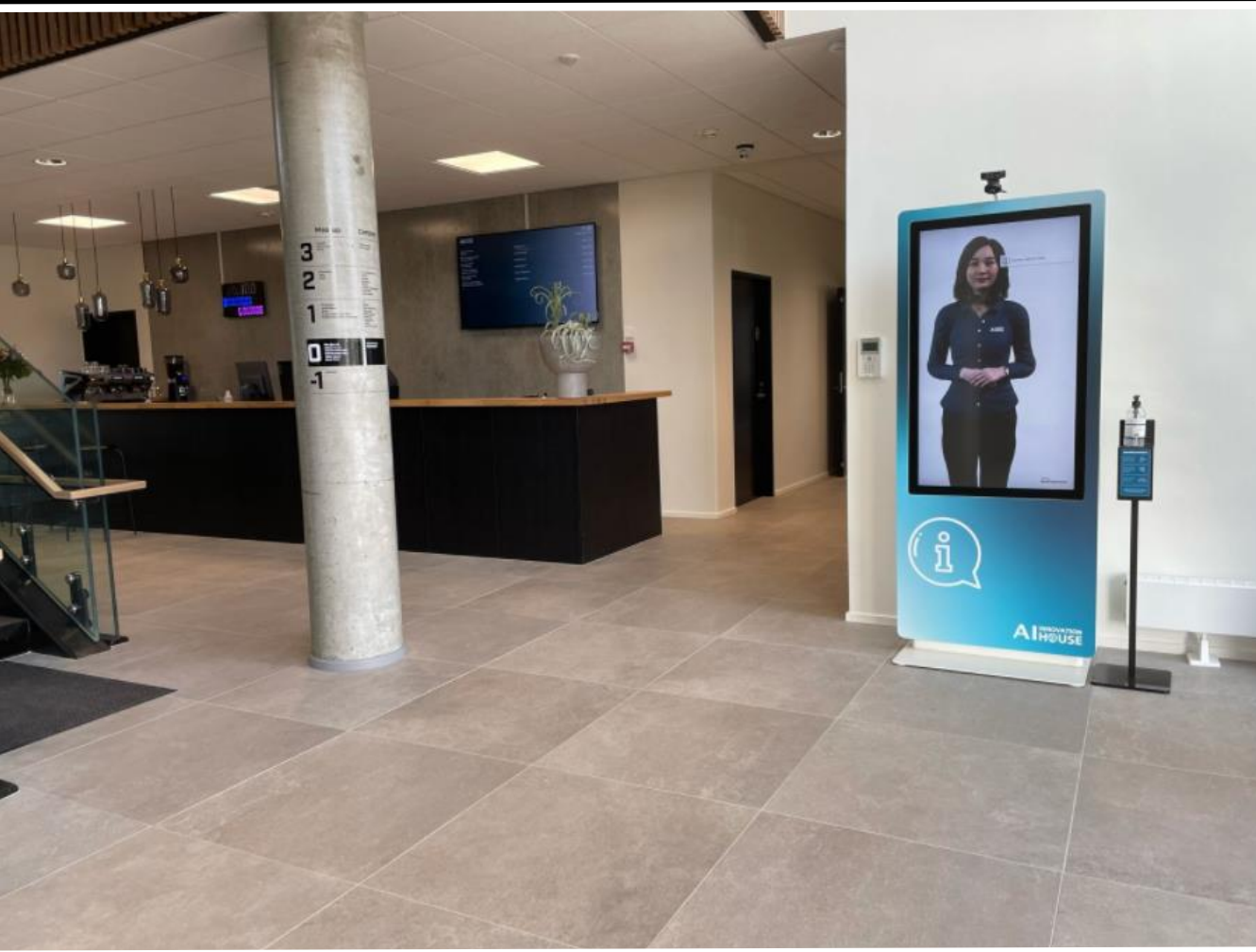
it.Human Receptionist





HOVEDSTADENS BEREDSKAB





Veile Kommune leier 24 arbejdspladser til AI Innovation House





Digital Receptionist



InCar Virtual Assistant



AI Learning Helper



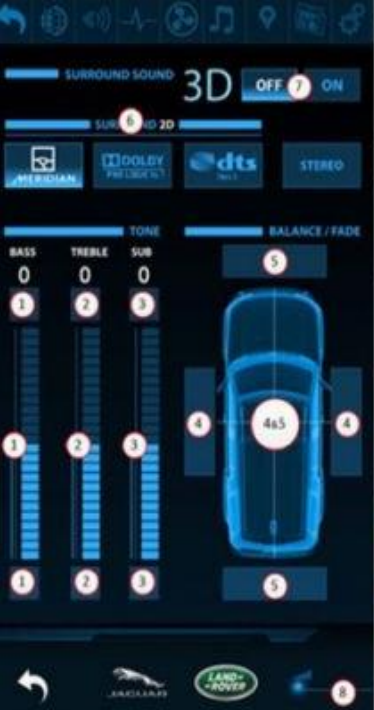
Digital Sales Clerk



.InCar Virtual Assistant

The future of transportation





.Automotive Grade Linux

Open Source In-Vehicle Infotainment System

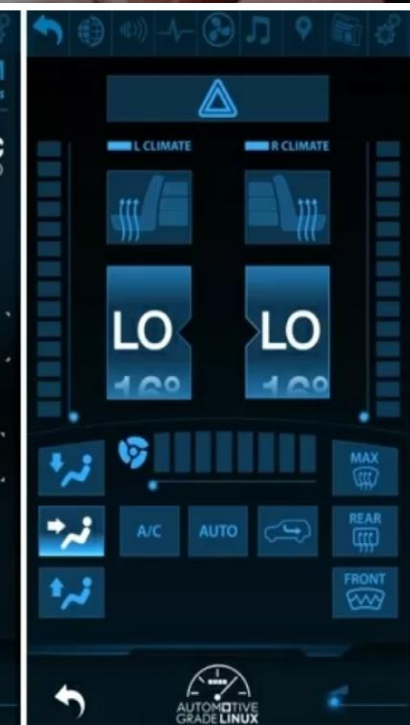
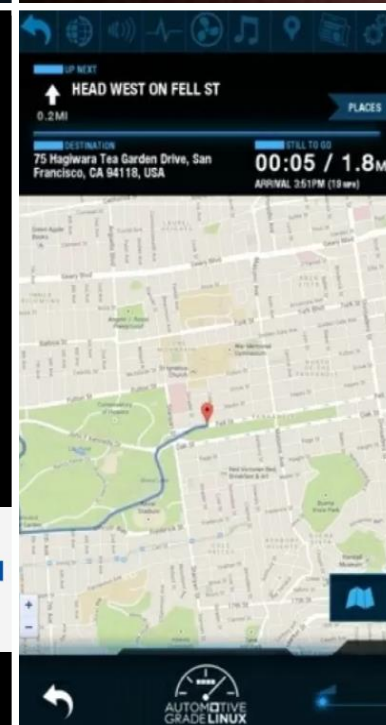


Mercedes-Benz

Panasonic TOYOTA



SUZUKI



Romanian Automotive Award 2020

Best Innovation





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■ AI Learning Helper

The Future of Personalized Education



- The AI Learning Helper is an AI-powered teaching engine, that helps children to learn how to read.
- The learning helper is emotionally responsive and tailored to each and every child to fit their learning curve.
- AI Learning Helper is infinitely scalable and has all the time in the world for every child.
- Extensive research has been done with children, teachers and parents. Different parts of the solution has continuously been tested on a focus group of children.



Enhanced learning experience and subject knowledge for pupils.

Enhanced working environment for teachers.

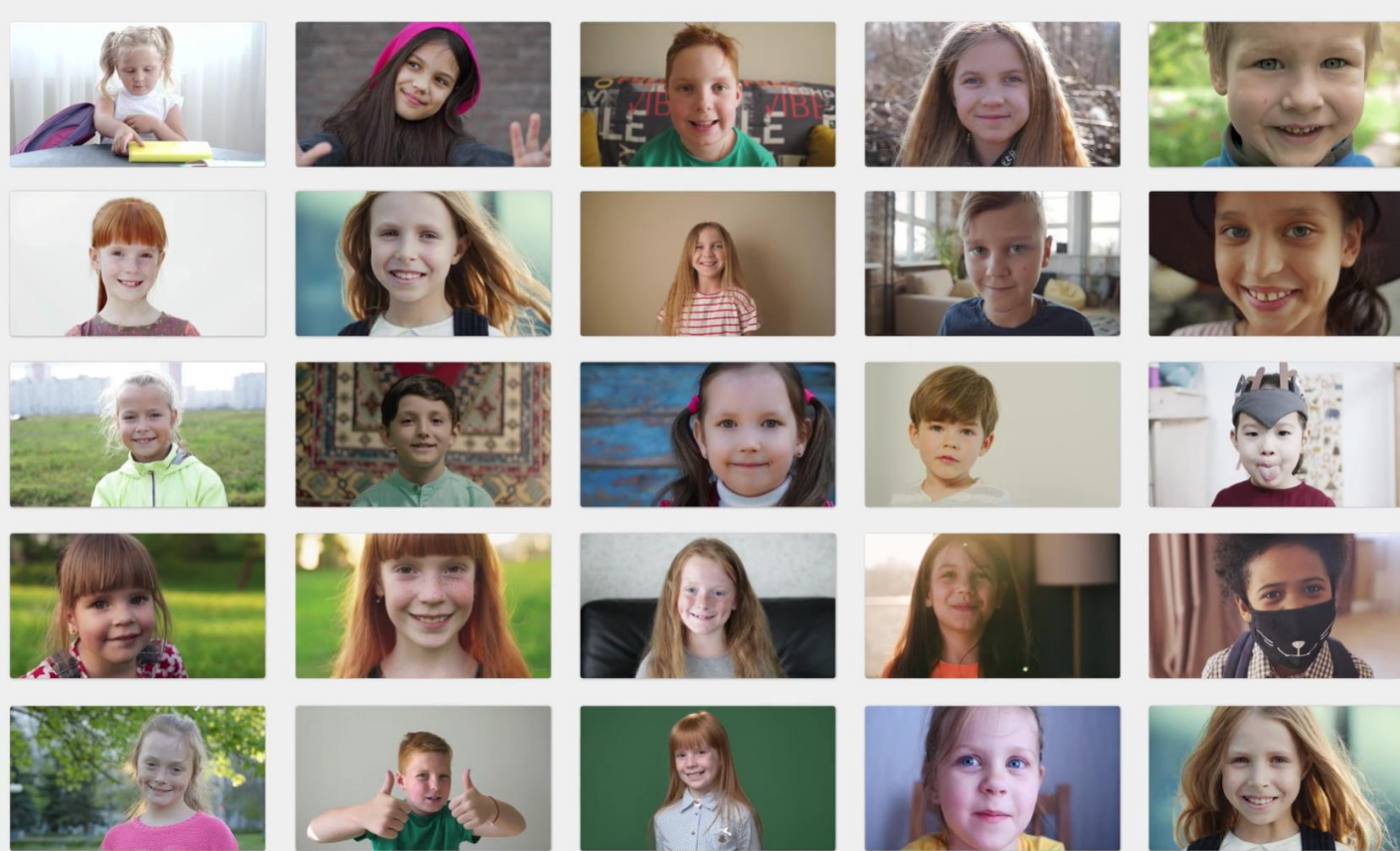
Improving the lives of parents.

50% estimated **reduction** in cost of homeschooling.

.Improving society

Helping children, teachers and parents





The ambition for AI Learning Helper is to **extend** it to also teach children fundamental skills such as how to **write and do math**.

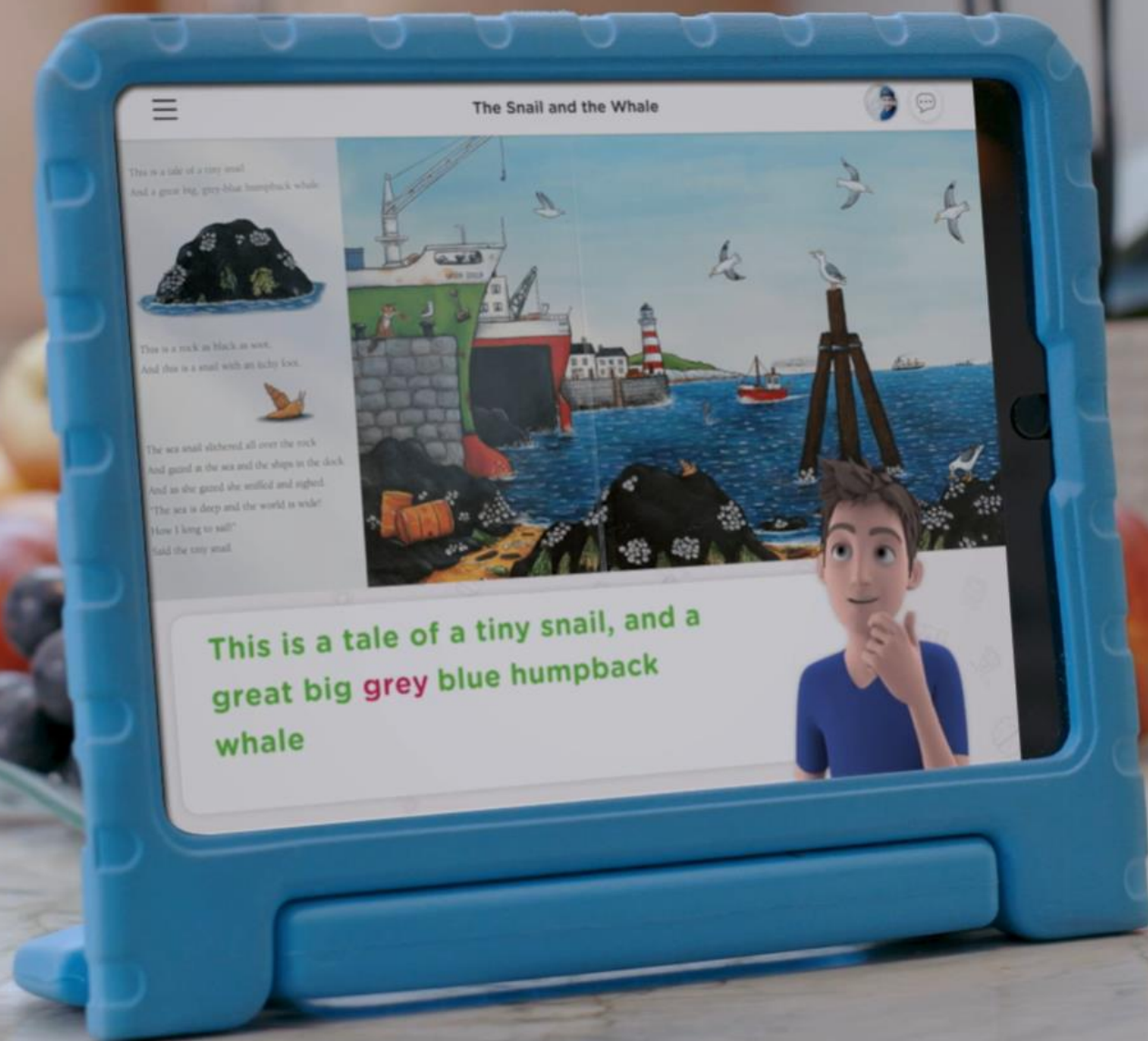
It can furthermore be extended to also help children who normally aren't enrolled in school, such as **children in rural areas or war zones**.

Finally, it can be a great supplement to any child who attends school normally but who will **still benefit from a private tutor**.

.Infinitely scalable

Has all the time in the world for every child





The Snail and the Whale

This is a tale of a tiny snail,
And a great big, grey-blue humpback whale.



This is a rock as black as soot,
And this is a snail with an itchy foot.

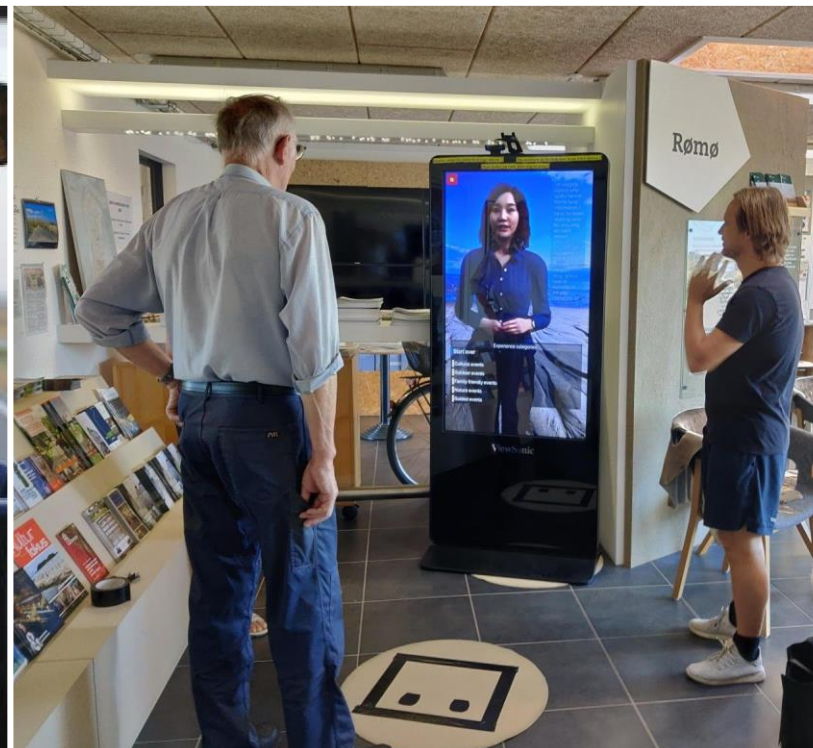


The sea snail slithered all over the rock
And gazed at the sea and the ships in the dock.
And as she gazed she sniffed and sighed,
"The sea is deep and the world is wide!
How I long to sail!"
Said the tiny snail.

This is a tale of a tiny snail, and a
great big grey blue humpback
whale









Our Digital Human platform provides a differentiated customer experience:

- Always available - positive and empathetic
- Can be in many places at the same time
- Offers a context-based service
- Consistent advice and service levels
- Understands and communicates emotions
- Remembers people - personalized conversation

Working with a Digital Human workforce provides many business benefits:

- Enhanced customer experience
- Enhanced brand value and loyalty
- Automated operation/cost savings
- Scalable workforce - extended reach
- Differentiation from other brands
- Enhanced omnichannel strategy

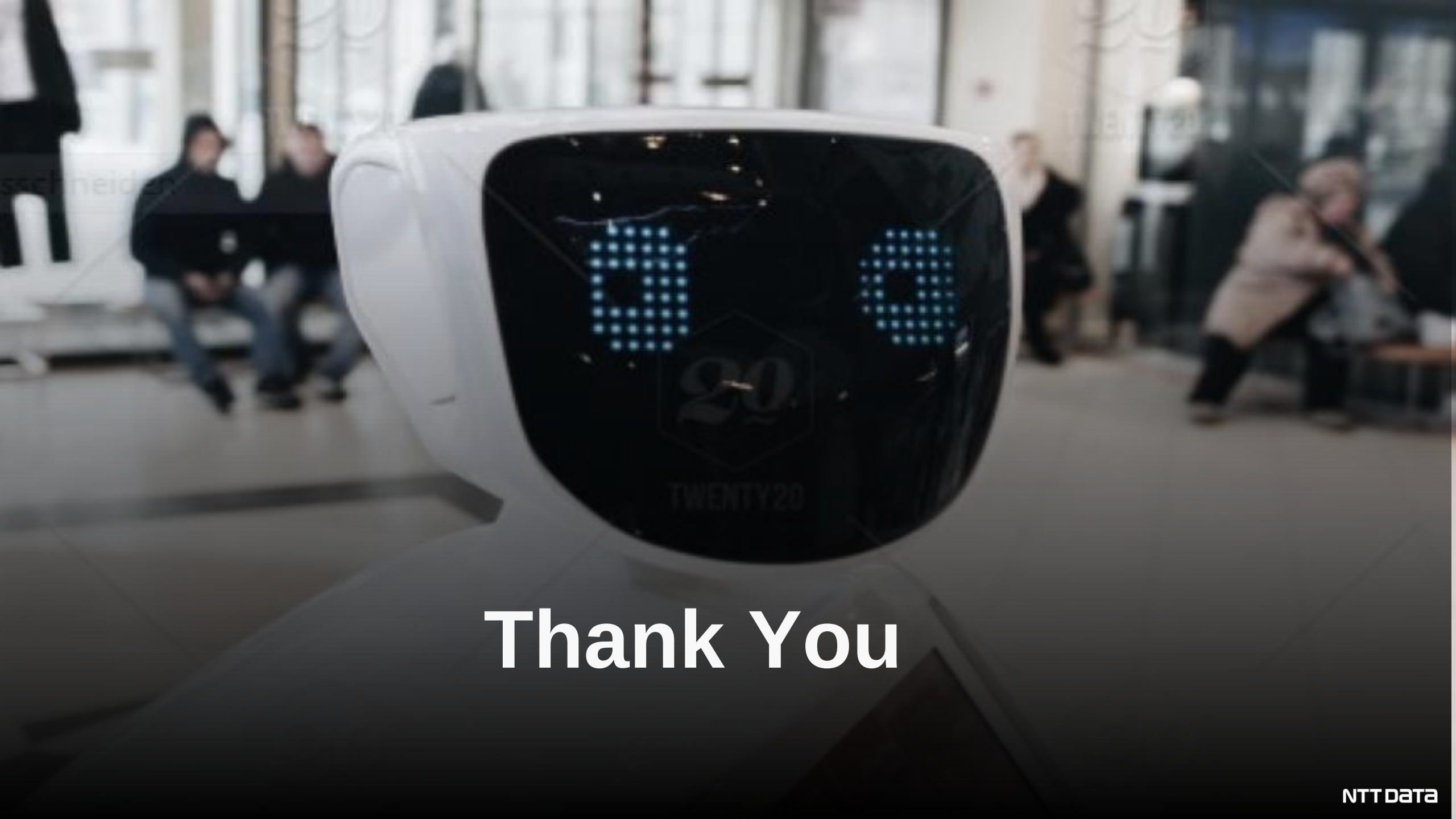
Just like hiring a new employee... Except for the price!

- Monthly salary: \$500 - 1500
- Notice to cancel contract: 3 - 5 months
- All inclusive: Hardware, software, license, delivery, installation and support
- Initial project to build knowledge base: 5 - 50 days depending on complexity

Contactless

A high-angle, close-up shot of Spider-Man in his iconic red and blue suit. He is positioned in the center, looking directly at the viewer with a determined expression. His right hand is extended forward, with fingers slightly curled. The background is a sprawling cityscape, likely New York City, bathed in the warm, golden light of a setting or rising sun. The sun is a bright, glowing orb in the upper left, casting long, dramatic rays across the sky and the city. The buildings below are densely packed, their windows reflecting the golden light. The overall mood is heroic and inspiring.

WITH GREAT POWER COMES GREAT RESPONSIBILITY



Thank You



Don't be afraid to ask more information!

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