

SINGULARITY
TECH DAY

#STechDay2019

Abstract geometric shapes in teal and blue, including rounded rectangles, circles, and lines, some with gradients and one with a striped pattern, arranged in a dynamic, overlapping fashion on the right side of the image.

Cognitive Services en acción

ORGANIZATION



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COLLABORATORS



Thank you!



Juliet Moreiro Bockhop

Cloud Solution Architect @ Microsoft



@julietsvq



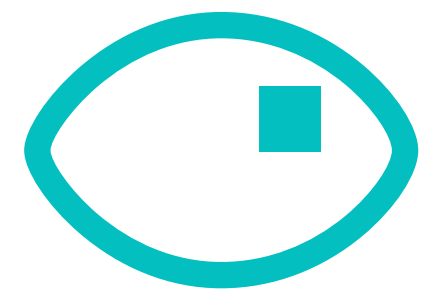
julietsvq



julietmoreiro

Azure Cognitive Services

#STechDay2019



Vision

Recognize, identify, caption, index, and moderate your pictures, videos, and digital ink content.



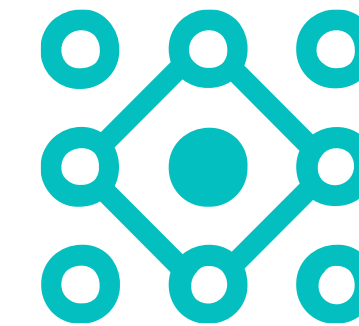
Speech

Convert spoken audio into text, use voice for verification, or add speaker recognition to your app.



Language

Allow your apps to process natural language with pre-built scripts, evaluate sentiment and learn how to recognize what users want.



Decision

Build apps that surface recommendations for informed and efficient decision-making.

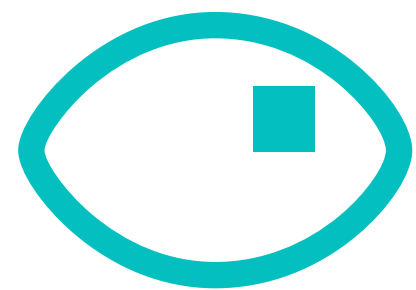


Search

Add Bing Search APIs to apps and harness the ability to comb billions of webpages, images, videos, and news with a single API call.

Azure Cognitive Services

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Video Indexer

Computer Vision

Face

Custom Vision

Form Recognizer

Ink Recognizer



Speaker Recognition

Custom Speech

Translator Speech

Unified Speech

Speech to Text
w. Custom Speech

Text to Speech
w. Custom Voice

Speech Translation
w. Custom Translator



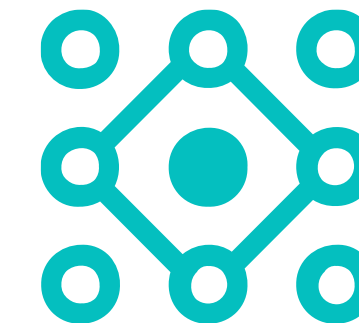
Text Analytics

Immersive Reader

Translator Text

Language Understanding (LUIS)

QnA Maker



Content Moderator

Anomaly Detector

Personalizer



Bing Entity Search

Bing Autosuggest

Bing Search

Web Search

Image Search

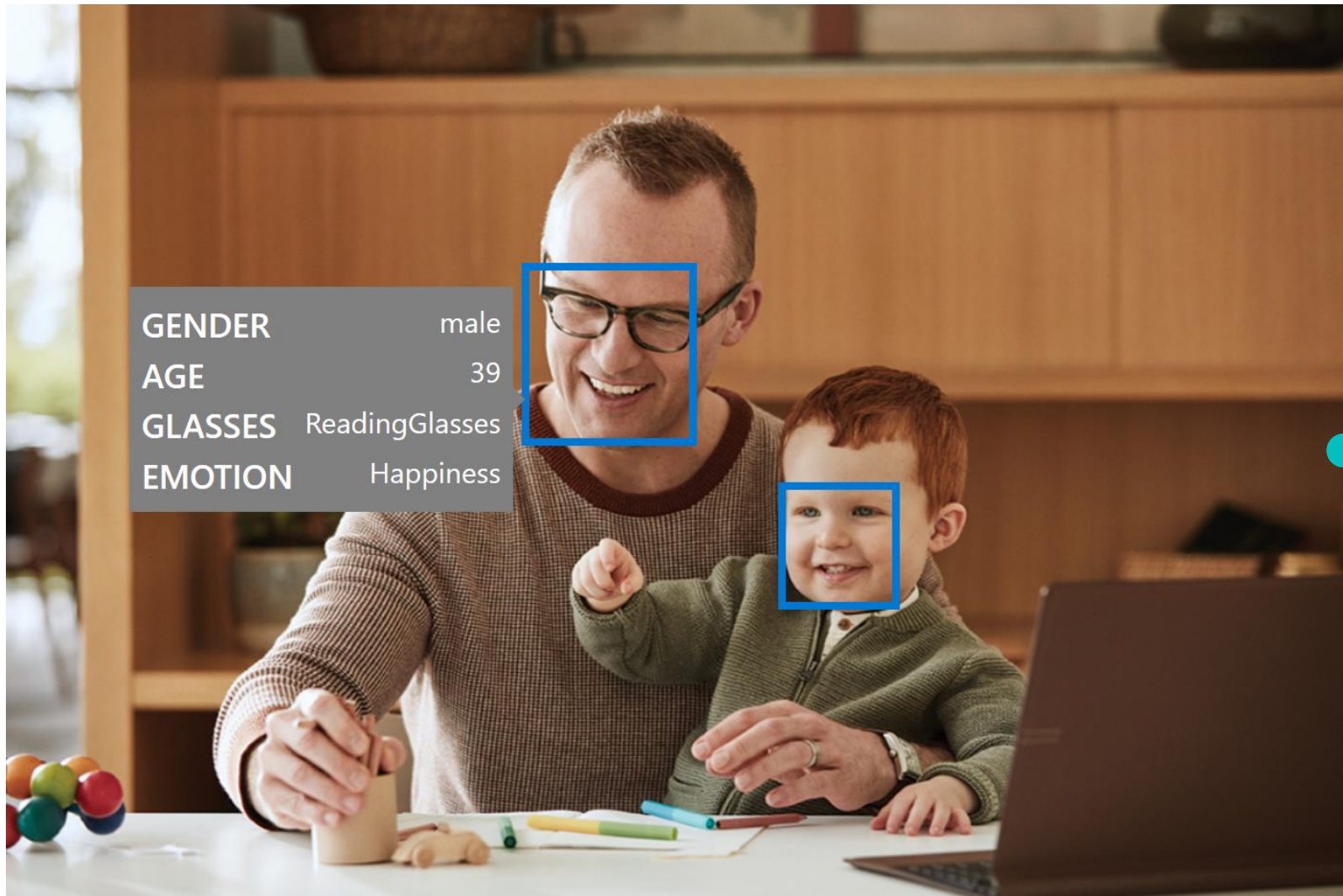
News Search

Video Search

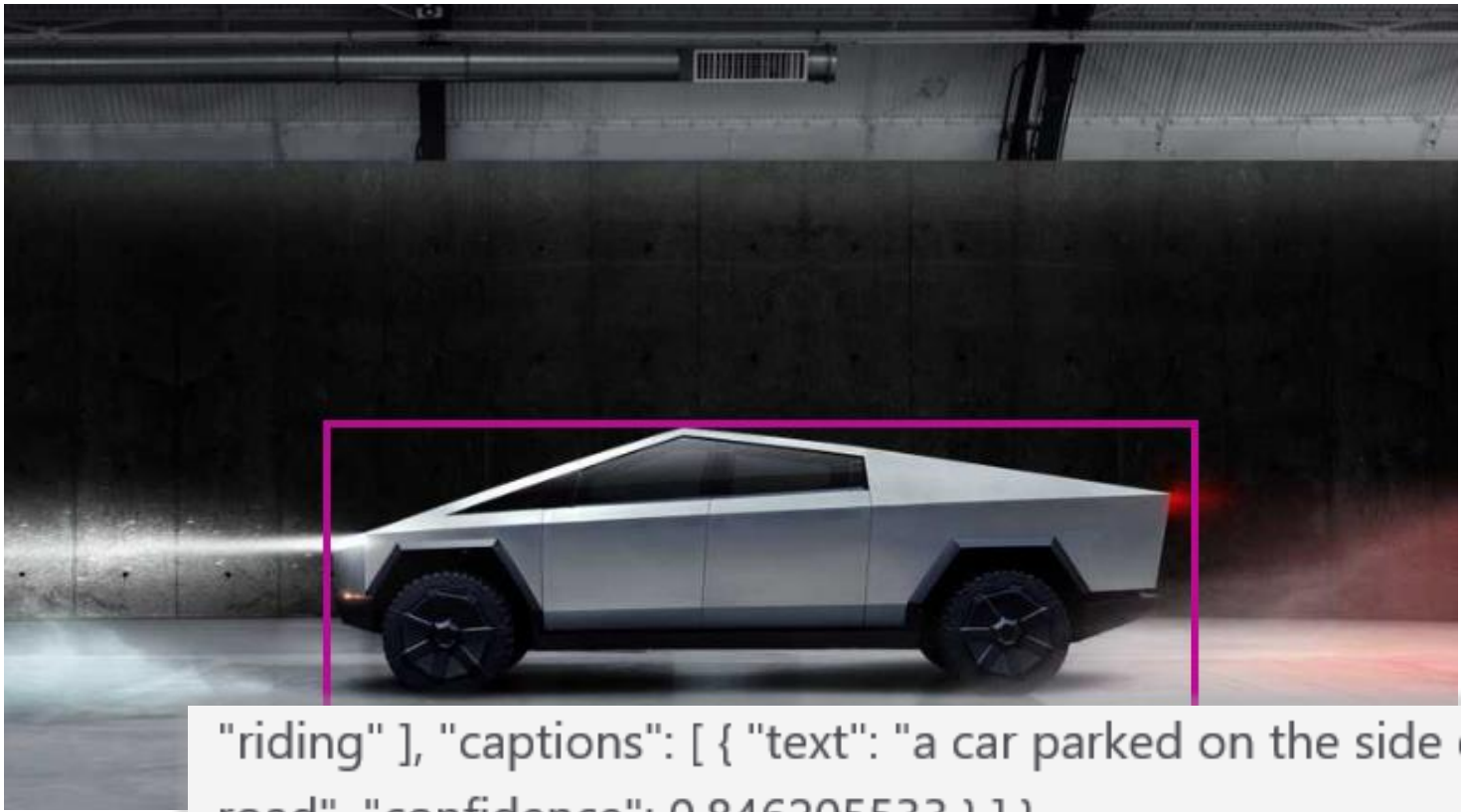
Local Business Search

Bing Visual Search

Bing Custom Search



See you soon !

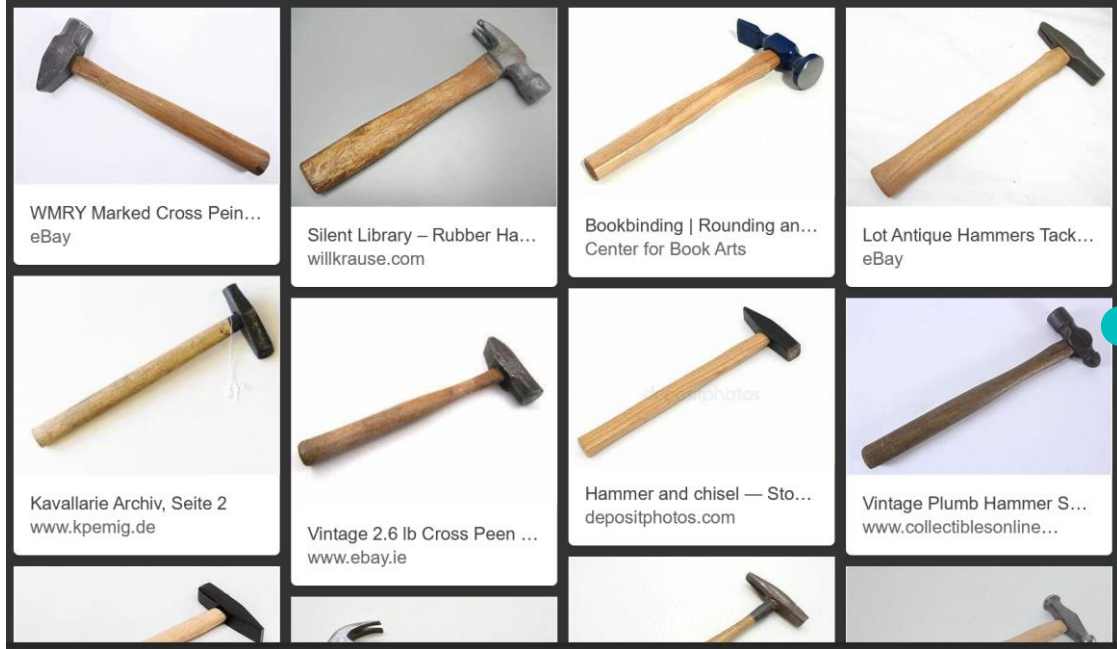


Face

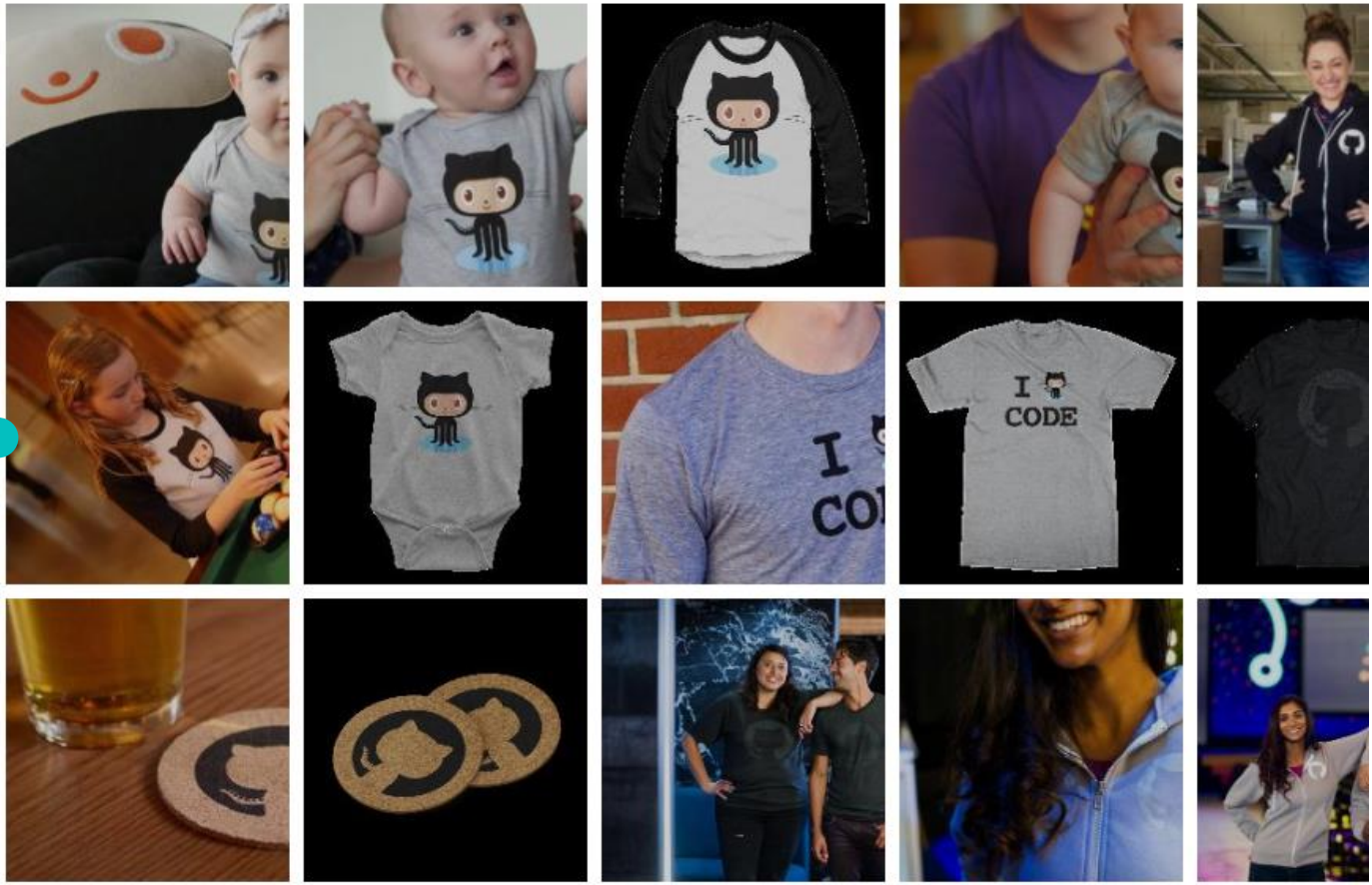
Computer Vision



Bing Visual Search



Custom Vision





Text Analytics

LUIS

2 tickets from Barcelona to London

- intent = bookFlight
- source = Barcelona
- destination = London
- quantity = 2



Translator Text

Unified Speech



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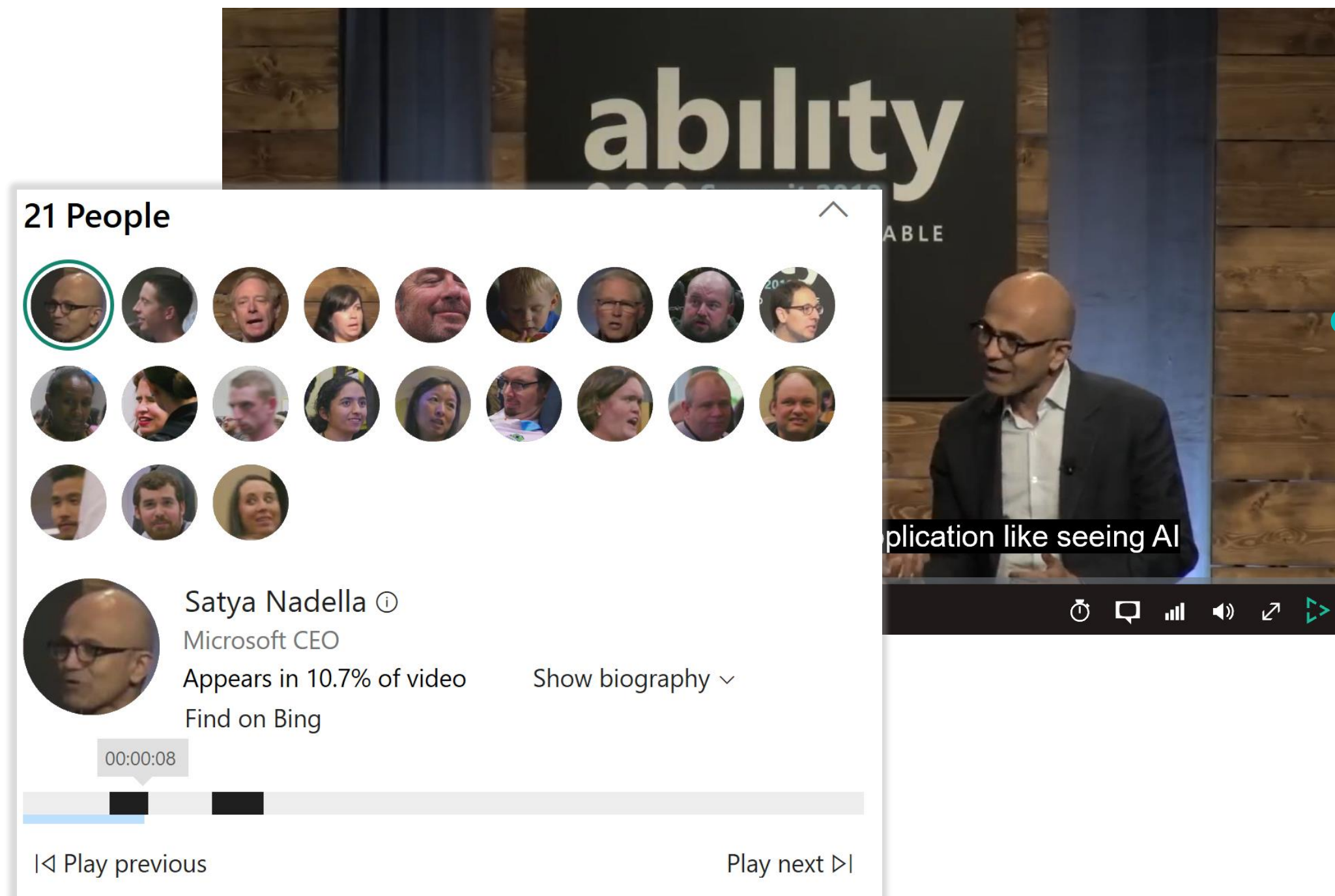
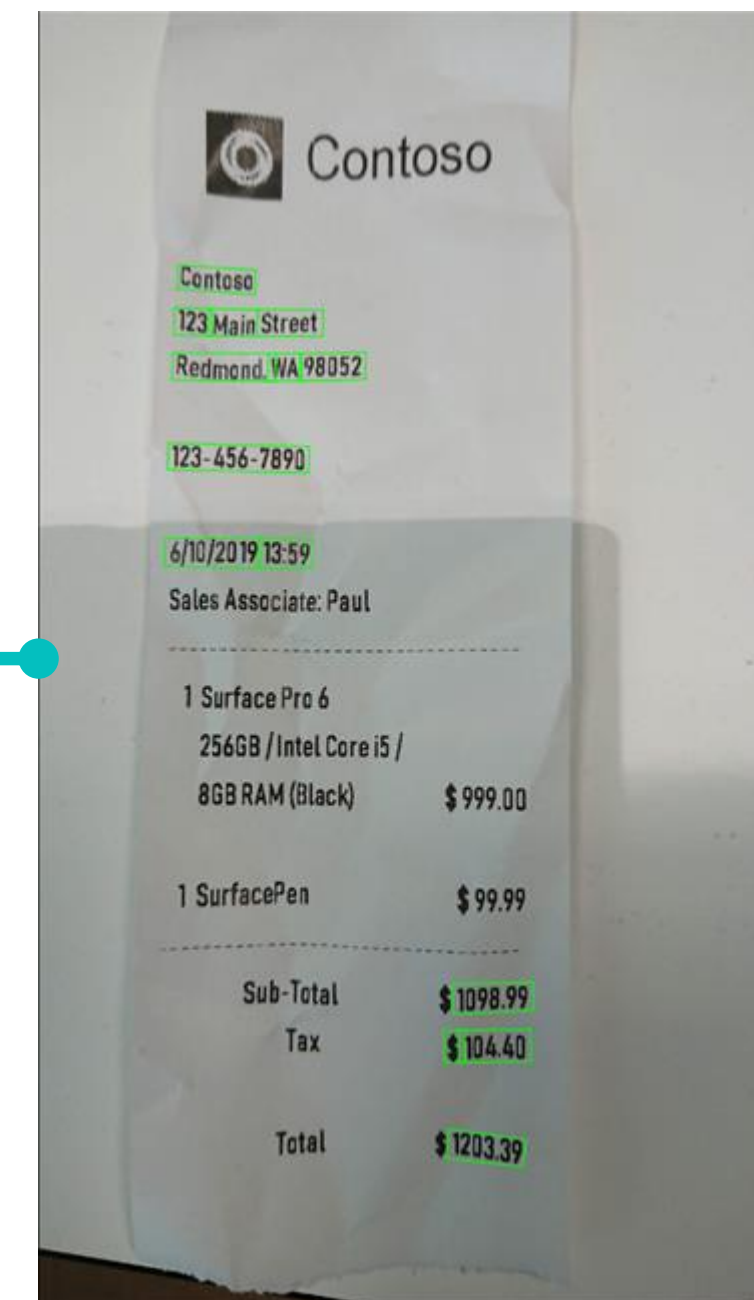
Demo time!





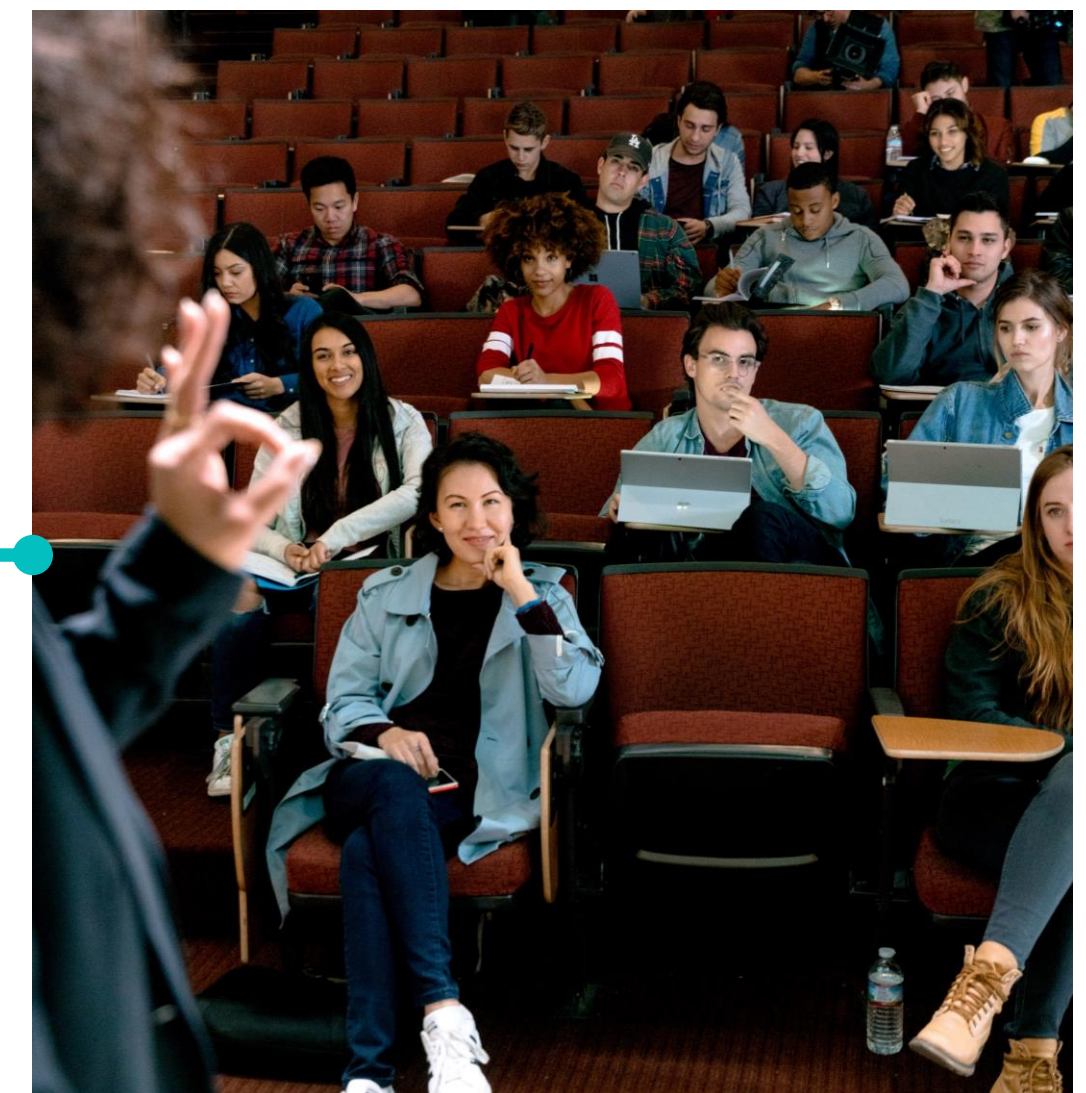
Content
Moderator

Form
Recognizer



Video
Indexer

QnA Maker





**Docker
Support**

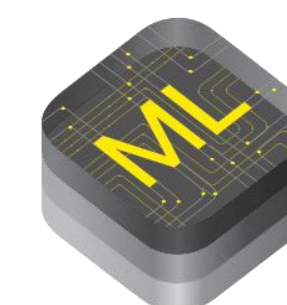
**Export
model**



ONNX



TensorFlow



CoreML



Azure IoT Edge

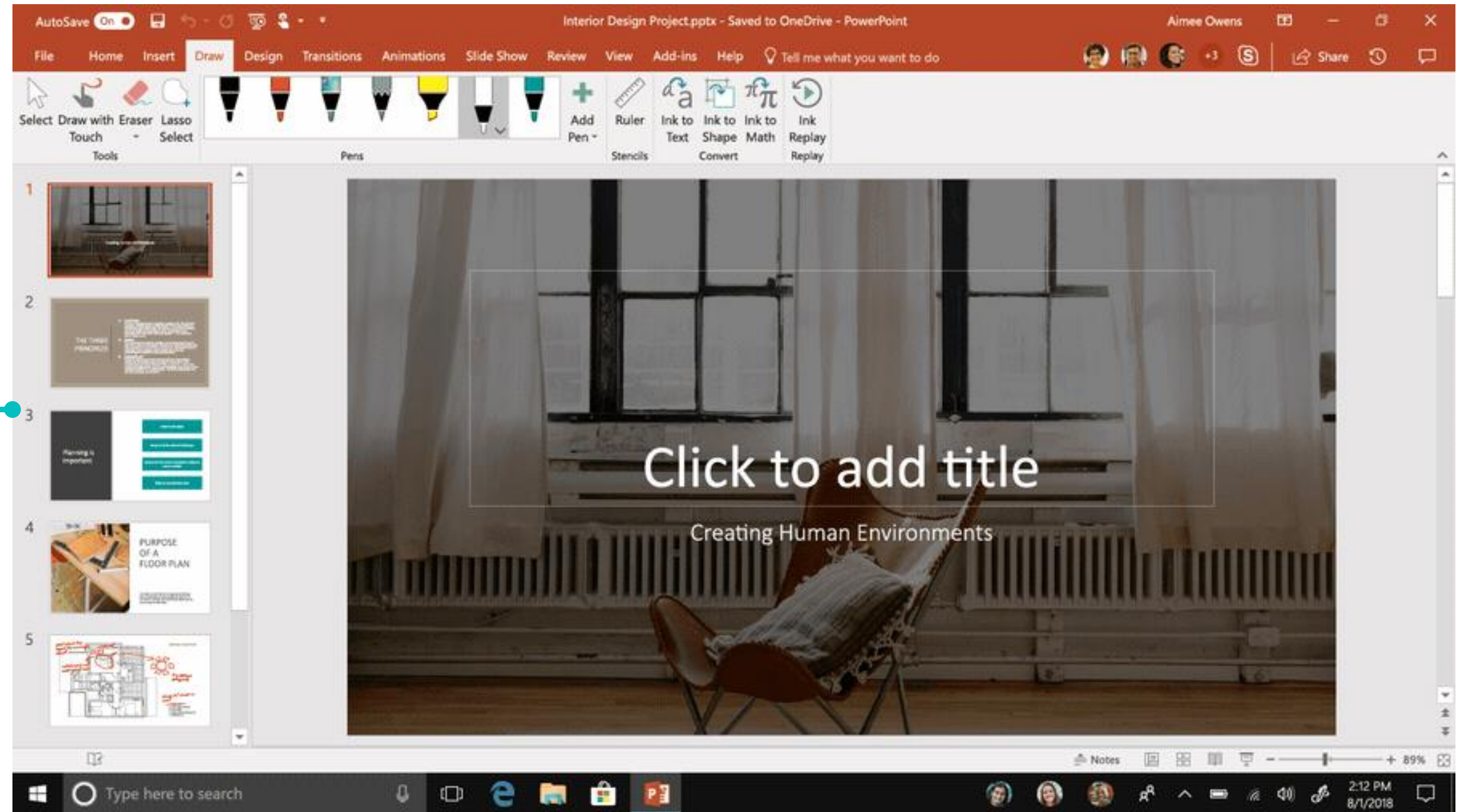
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Demo time!



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Ink Recognizer



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The screenshot shows the Microsoft Azure website's product page for Immersive Reader. The browser's address bar displays the URL: <https://azure.microsoft.com/en-us/services/cognitive-services/immersive-reader/>. The page features a dark blue header with the Microsoft Azure logo on the left and navigation links (Overview, Solutions, Products, Documentation, Pricing, Training, Marketplace, Partners, Support, Blog, More) in the center. On the right side of the header, there are links for 'Contact Sales: 900-812-186', a search icon, 'My account', 'Portal', and a user profile 'Juliet'. A 'Free account >' link is also present. Below the header, a breadcrumb trail reads 'Home / Services / Cognitive Services / Immersive Reader'. The main heading is 'Immersive Reader' with a 'PREVIEW' badge. Below it, a subheading states 'An AI service that helps users read and comprehend text'. A prominent orange button labeled 'Start free >' is positioned to the left. A white navigation bar below the main content area lists links: 'Product overview', 'Features', 'Security', 'Pricing', 'Getting started', 'Documentation', and 'FAQs'. The main content area has a light blue background and contains the text: 'Enhance reading comprehension and achievement with AI'. To the right of this text, a paragraph describes Immersive Reader as an Azure Cognitive Service that embeds text reading and comprehension capabilities into applications, helping users of any age and reading ability with features like reading aloud, translating languages, and focusing attention through highlighting and other design elements. It notes that Azure is the only major cloud provider offering this type of reading technology and that no machine learning expertise is required.

Immersive
Reader

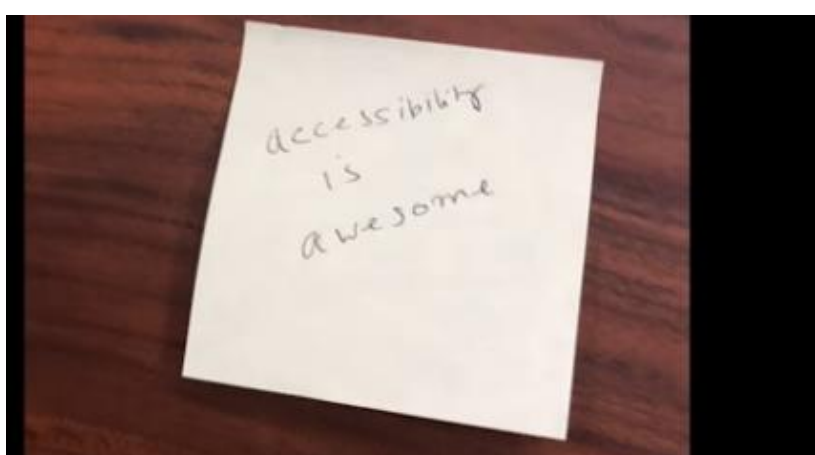
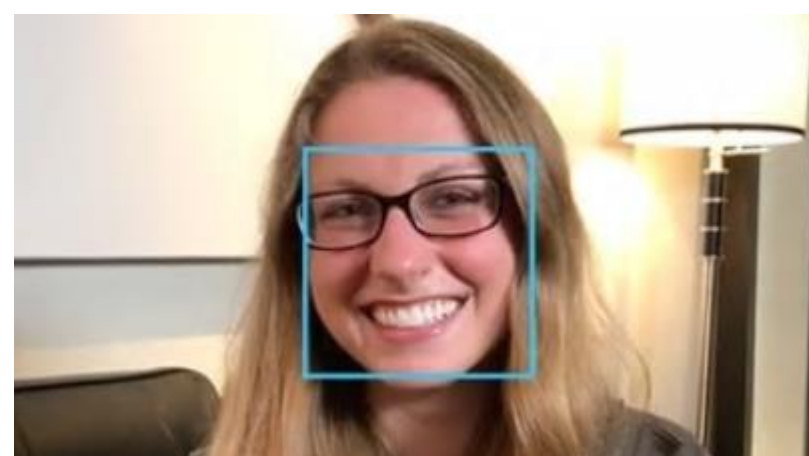
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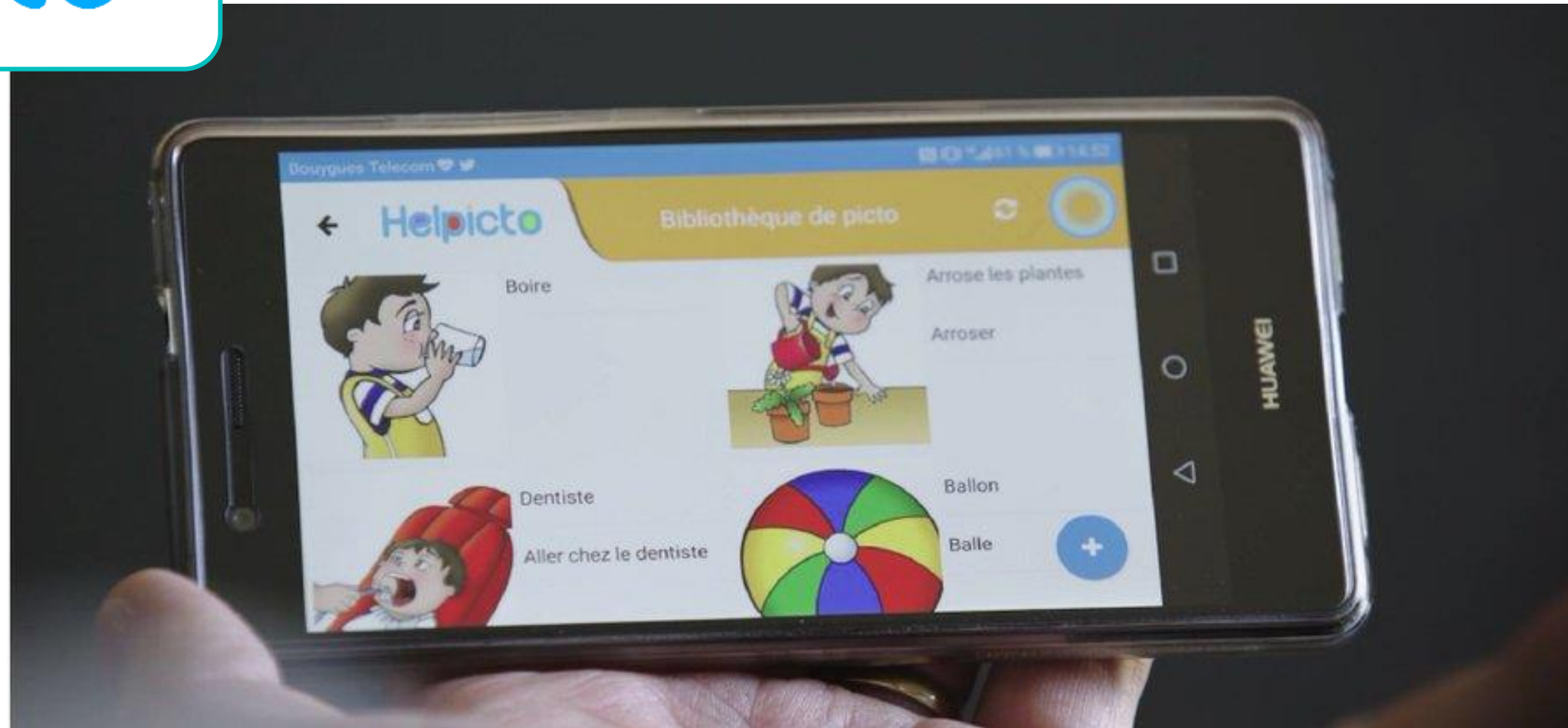
Seeing AI 4+
Talking Camera for the Blind
Microsoft Corporation

★★★★★ 4.4, 308 Ratings

Free

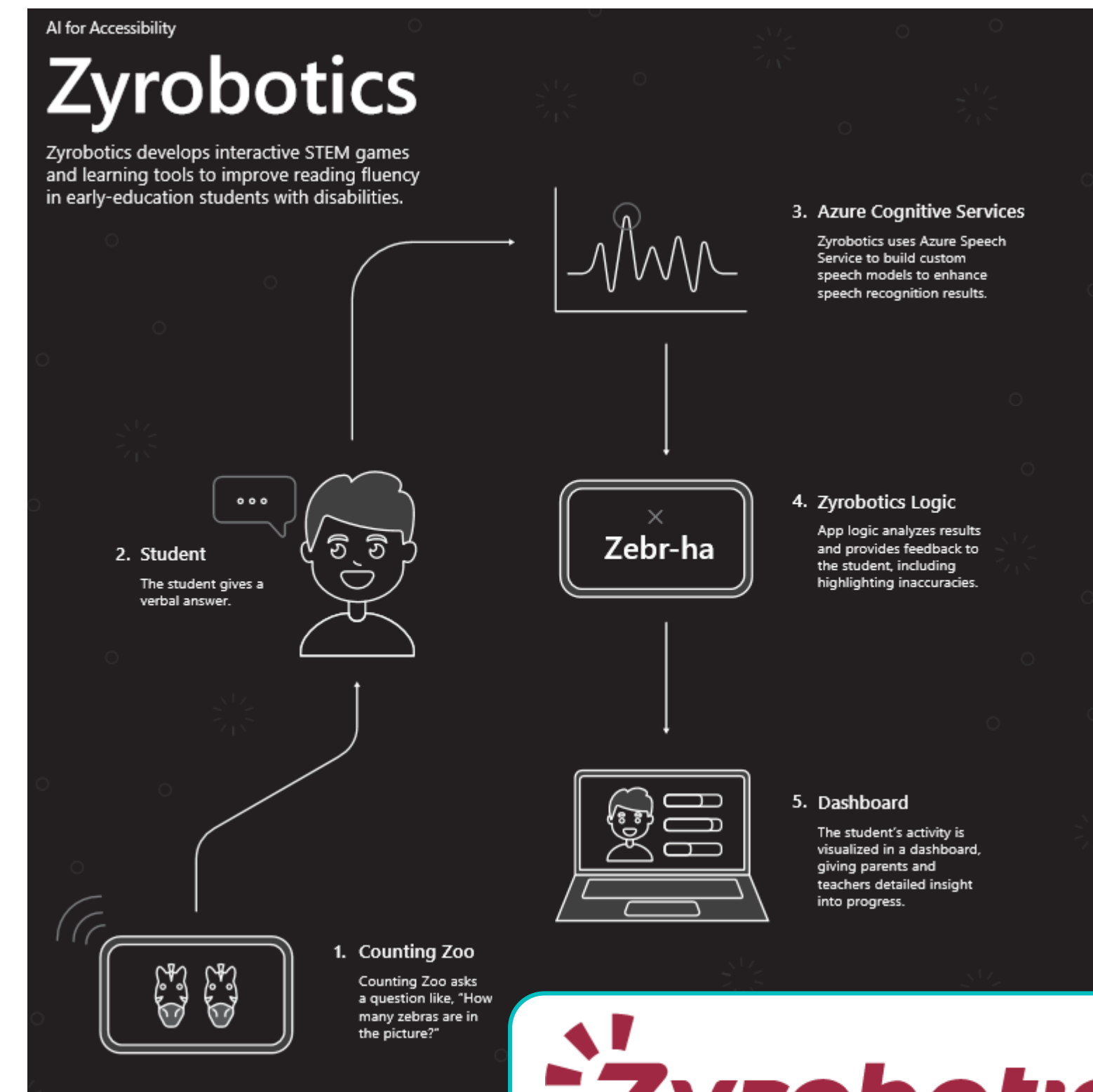
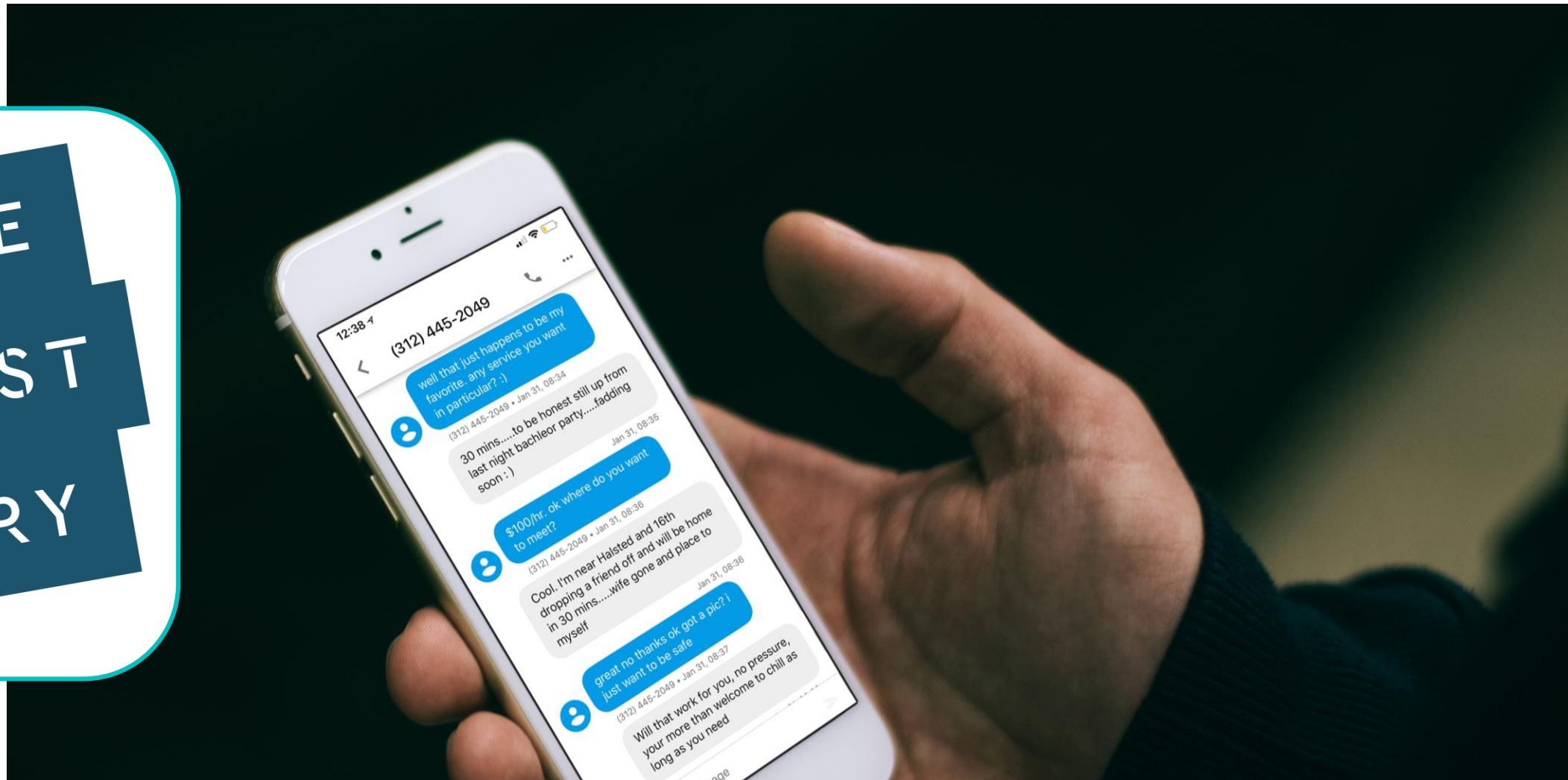


Helpicto



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SEATTLE
AGAINST
SLAVERY



Zyrobotics
freedom through technology

Demos

<https://github.com/julietsvq/Singularity>

Azure Cognitive Services

<https://azure.microsoft.com/en-us/services/cognitive-services>

Azure Cognitive Services: compliance and privacy

<https://azure.microsoft.com/en-us/support/legal/cognitive-services-compliance-and-privacy>

Our approach to AI

<https://www.microsoft.com/es-es/AI/our-approach-to-ai?rtc=1>

Container support

https://docs.microsoft.com/en-us/azure/cognitive-services/cognitive-services-container-support?WT.mc_id=msignitethetour2019-slides-aiml20

SINGULARITY
TECH DAY

Thank you!

 @julietsvq

 julietsvq

 julietmoreiro

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Thanks also to the sponsors.
Without whom this would not have been possible.

ORGANIZATION

**plain
concepts** 

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