

DUBAI INTERNATIONAL PROJECT MANAGEMENT FORUM

6th EDITION

الدورة السادسة

7 - 10 December 2019 • MADINAT JUMEIRAH • DUBAI



PARALLEL SESSION STREAM

Real-world use cases for AI in Projects

Lance Olson
Applied AI – Dir of PM
Microsoft

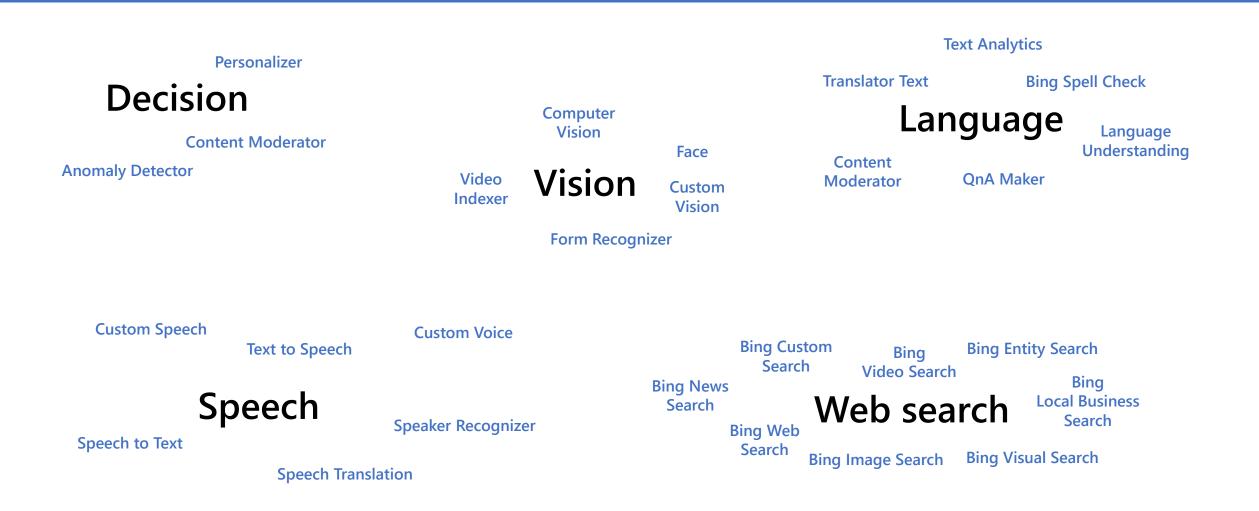
CULTURAL DIVERSITY

www.dipmf.ae

Real-world use cases in AI and the impact on projects

In this session we'll look at the impact of several recent developments in the areas of vision, language understanding, and reinforcement learning on our ability to more effectively carry out projects. We'll do this by diving into real-world use cases where these breakthroughs are being applied to improve projects through better communication and collaboration, information processing, and decision making.

Azure Cognitive Services









Impact

Increased field productivity by 15-25% Decreased drive time between sites by 10% Improved customer satisfaction 20% 550+ pictures per second







Azure Search

Demo: Custom Neural TTS

Actual Voice Recording

Neural Synthetic Voice











Use of computer vision for alt text



Alt Text

How would you describe this object and its context to someone who is blind?

(1-2 sentences recommended)

A large passenger jet flying through a cloudy blue sky

Description automatically generated

Hi Lance, here are some things you may want to consider.

Tasks you may have missed

You mentioned this to Lynne Thomson:

"I'll ask Sarah to grab some time for us to catch up." Open email

Done

You mentioned this to Sarah Stelling:

"I'll let you know once I hear back from them to schedule it." Open email

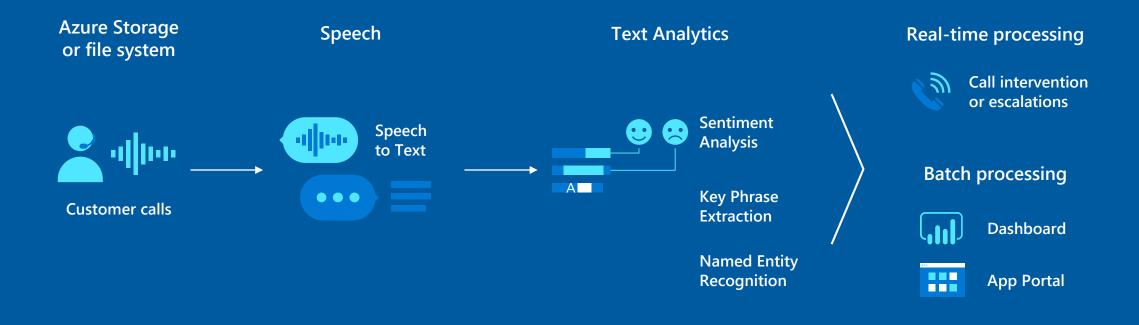
Done

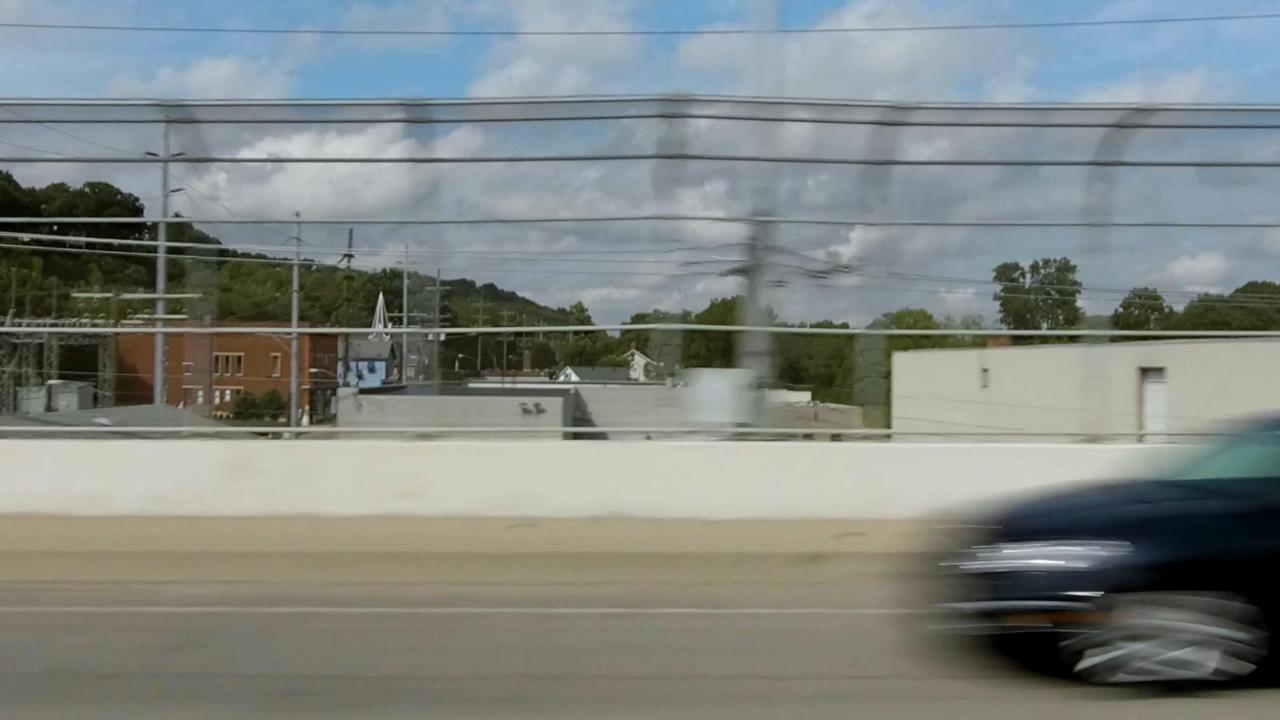
You mentioned this to Andy Hickl and Pablo Castro:

"I'll bring printed copies of the final doc." Open email

Done

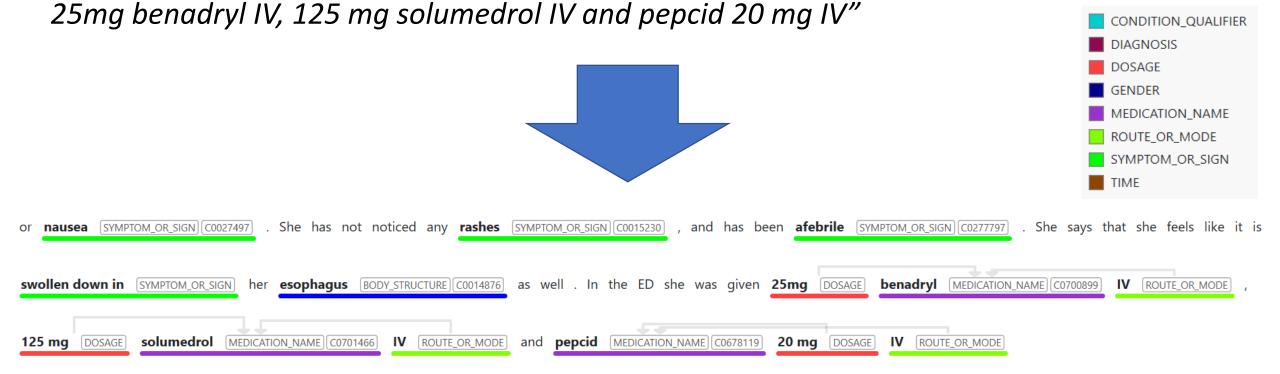
Intelligent customer support





Domain Awareness

Note on hospital report: "She has not noticed any rashes, and has been afebrile. She says that she feels like it is swollen down in her esophagus as well. In the ED she was given



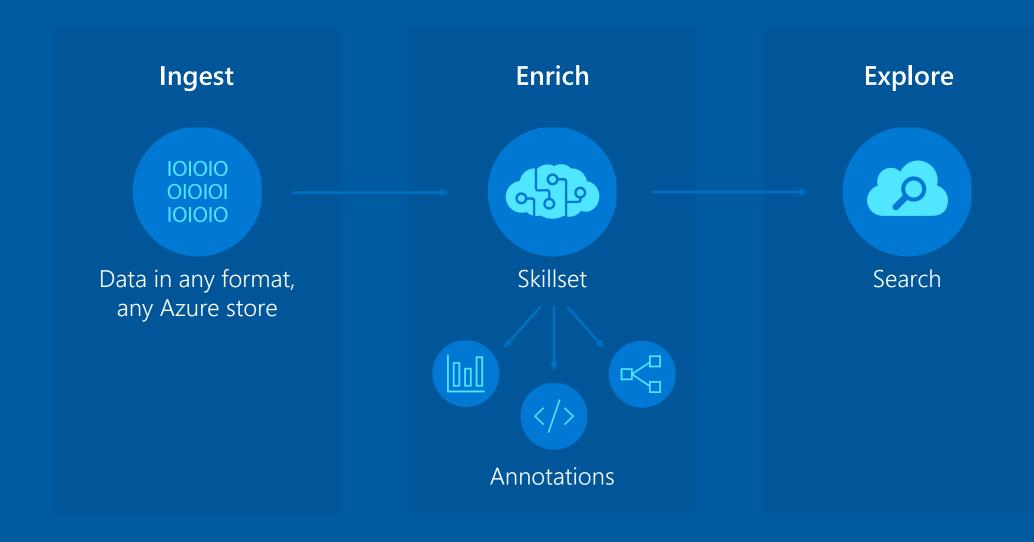


Knowledge



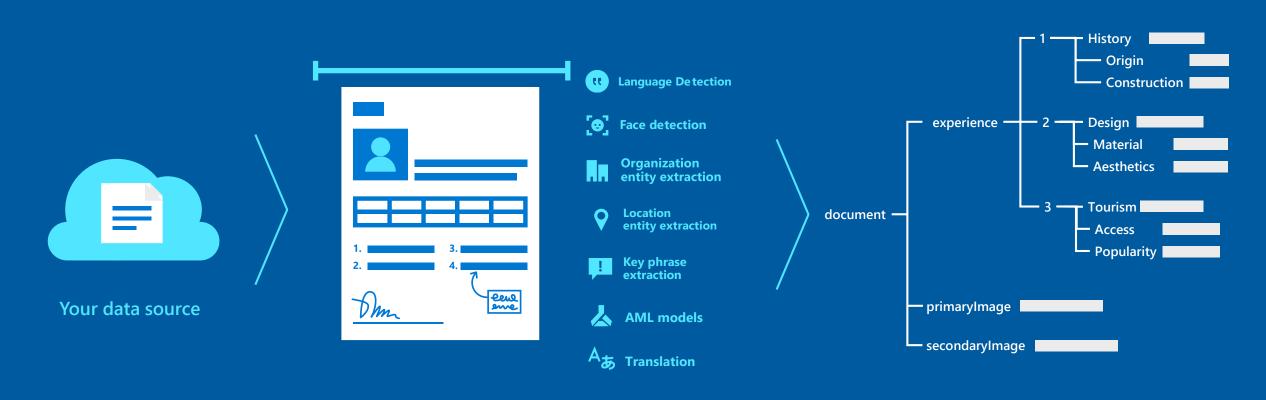
Understanding the latent value in all content

Knowledge Mining Pattern



Knowledge Mining Pattern

Ingest Enrich

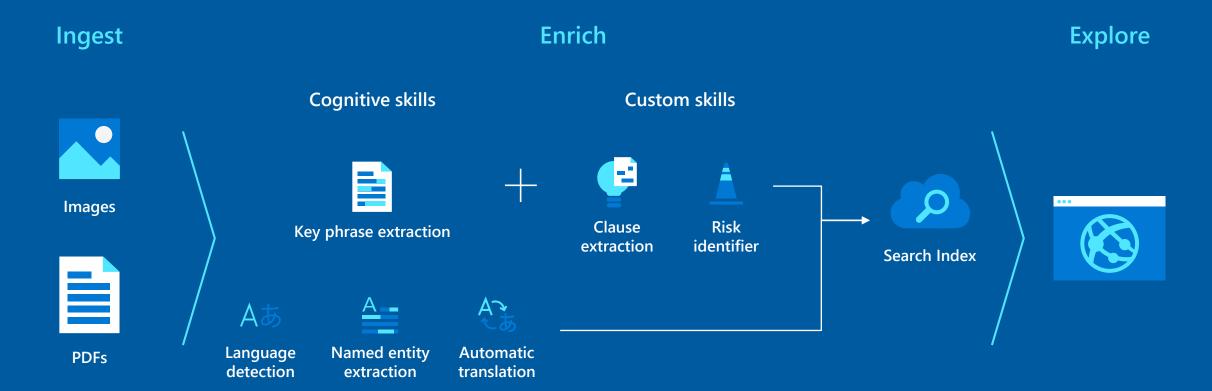


Knowledge Mining Pattern

Explore Ingest **Enrich** Origin Construction experience — Material Aesthetics **Tourism** Q **Background on Eiffel Tower** document — Access Popularity | - primarylmage secondaryImage



Auditing and compliance



Azure Blob Storage

Azure Cognitive Search

Azure Web App











Digital asset management

Ingest

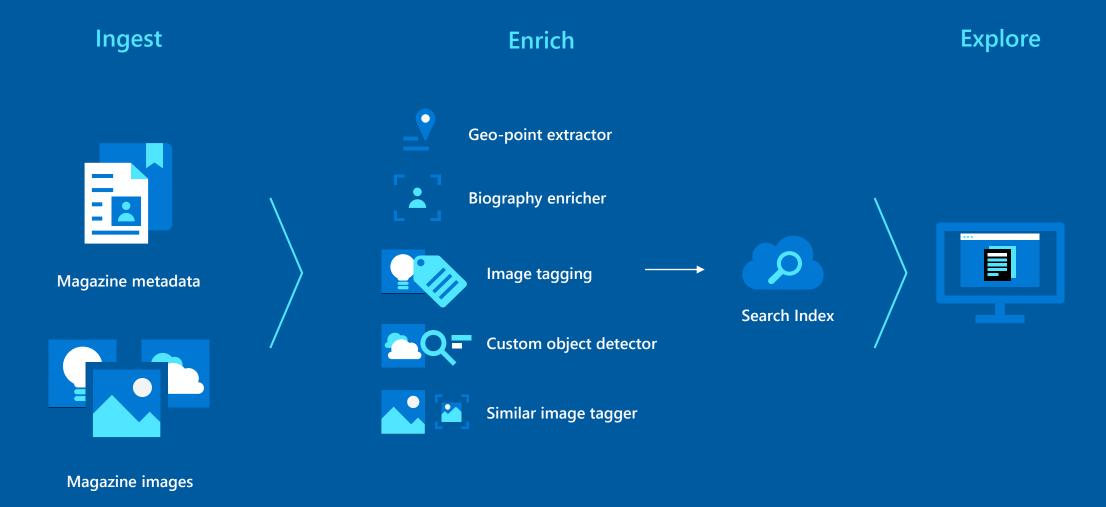


Magazine metadata



Magazine images

Digital asset management



Knowledge mining scenarios



Auditing and compliance



Digital asset management



Technical content review



Business process automation



Customer feedback analytics



Catalog search









mediavalet*





Decisions

Demos

Personalization

Anomaly Detection

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