

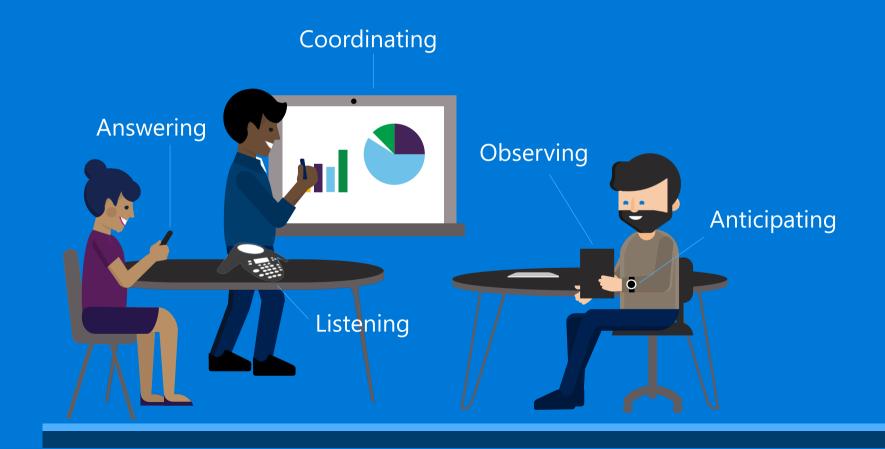
Cognitive Search and Augmentation Combining Microsoft Cognitive Services and Azure Search

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Content and Search Intelligence

We learn and use technology.

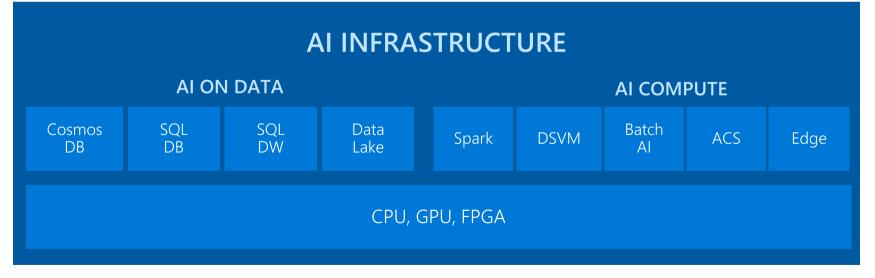


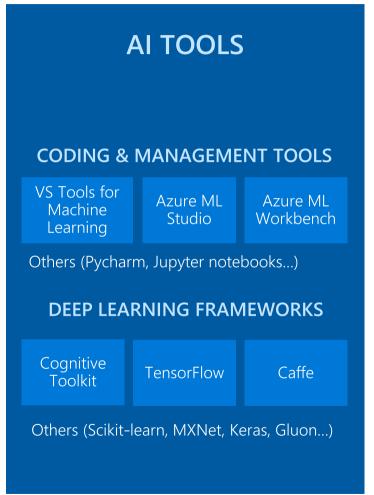
Technology learns us and discovers ways to be helpful.



Microsoft Al





















Vision

From faces to feelings, allow your apps to understand images and video

Speech

Hear and speak to your users by filtering noise, identifying speakers, and understanding intent

Language

Process text and learn how to recognize what users want

Knowledge

Tap into rich knowledge amassed from the web, academia, or your own data

Search

Access billions of web pages, images, videos, and news with the power of Bing APIs

Microsoft Cognitive Services Give your apps a human side

mputer Visi

Content Moderator

Emotion

Vfsfen

Video

Video Indexer

Custom Vision Service Bing Speech Speaker Recognition

Custom Speech Speech

g Spell Shed

Linguistic Analysis

Text Analytics

Transtraget & Speech

Web Language Model

Language Understanding Academic Knowledge

Entity Linking

Knowledge **Knowledge**

Recommendations

QnA Maker

Custom Decision Service

Autosuggest

Bing Image Search

Search Search

Bing Video Search

Bing Web Search

Bing Entity Search

Bing Custom Search

Enriching content through Cognitive Services

Demo

Analyzing text

"entityTypeHints": ["Person"] "entityTypeDisplayHint": "Explorer"

Matthew Henson was born in 1866. Peary hired him as a valet, and the two began a long working relationship that spanned half a dozen epic and amazing travels over two decades. In 1887, it was not "entityTypeHints": ["Drug" easy to access Aspirin or Ibuprofen, think how challenging it might have "entityTypeHints": [been reaching the North Pole

Text Analytics

Language: English Sentiment: Positive

Key Phrases: dozen epic, amazing travels,

Aspirin, Ibuprofen, long working

relationship, decades, Matthew Henson,

Peary, valet, North Pole

Entity Linking Intelligent Service

Entities Identified

Bing Entity Search API

Entities Type



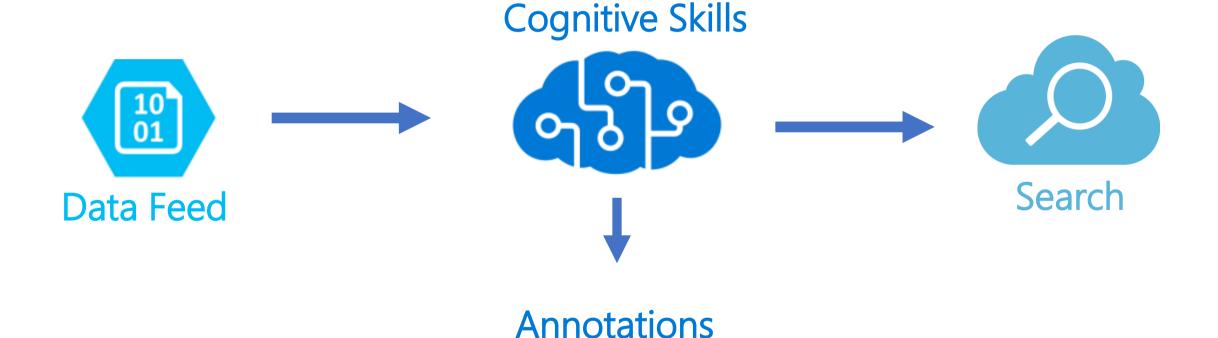
How do we do this?



Ingest

Enrich

Explore



Cognitive Search Pattern

