

From Knowledge to Conversation: Create Your Own Chatbot with Azure AI

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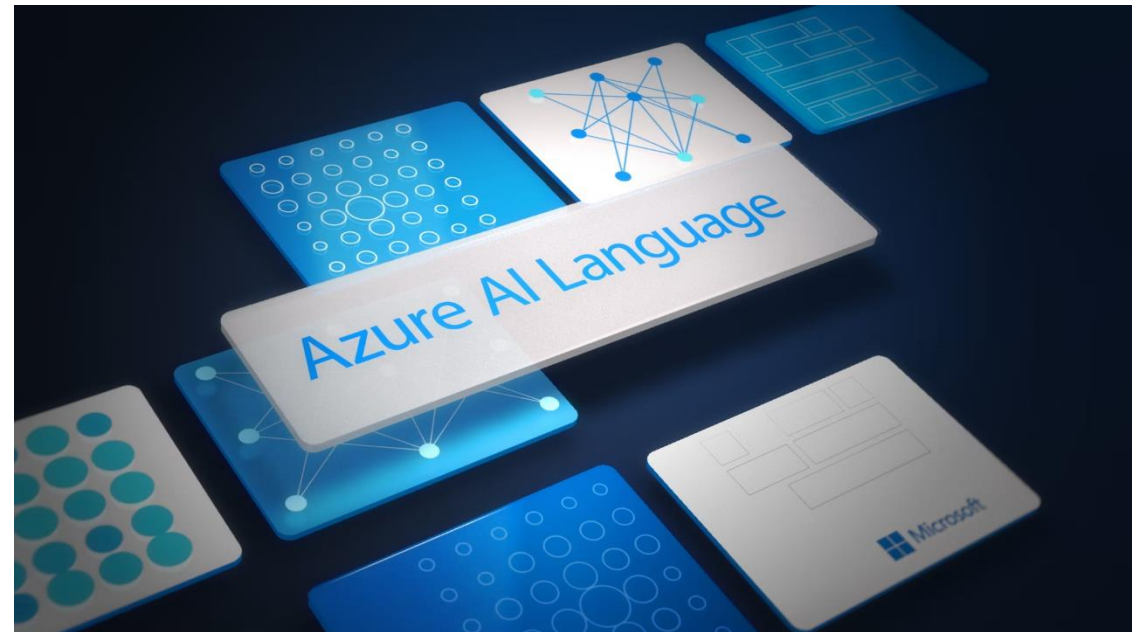
Agenda

- Azure AI Language Service
- Natural Language Processing
- Conversational AI
- Understand Question Answering
- Demo
- Q & A

Azure AI Language

What is Azure AI Language Service?

- Cloud-based service.
- Provides NLP feature for understanding and analyzing human language.
- Helps to build intelligent Apps.



Natural Language Processing

What is NLP?

- Field of Artificial Intelligence.
- Focuses on the interaction between computers and humans using natural language.
- Enables machines to understand, interpret, and generate human language.



Conversational Language Understanding

Conversational Language Understanding

- To build language models that interpret the meaning of phrases in a conversational setting.

Three Core Concepts

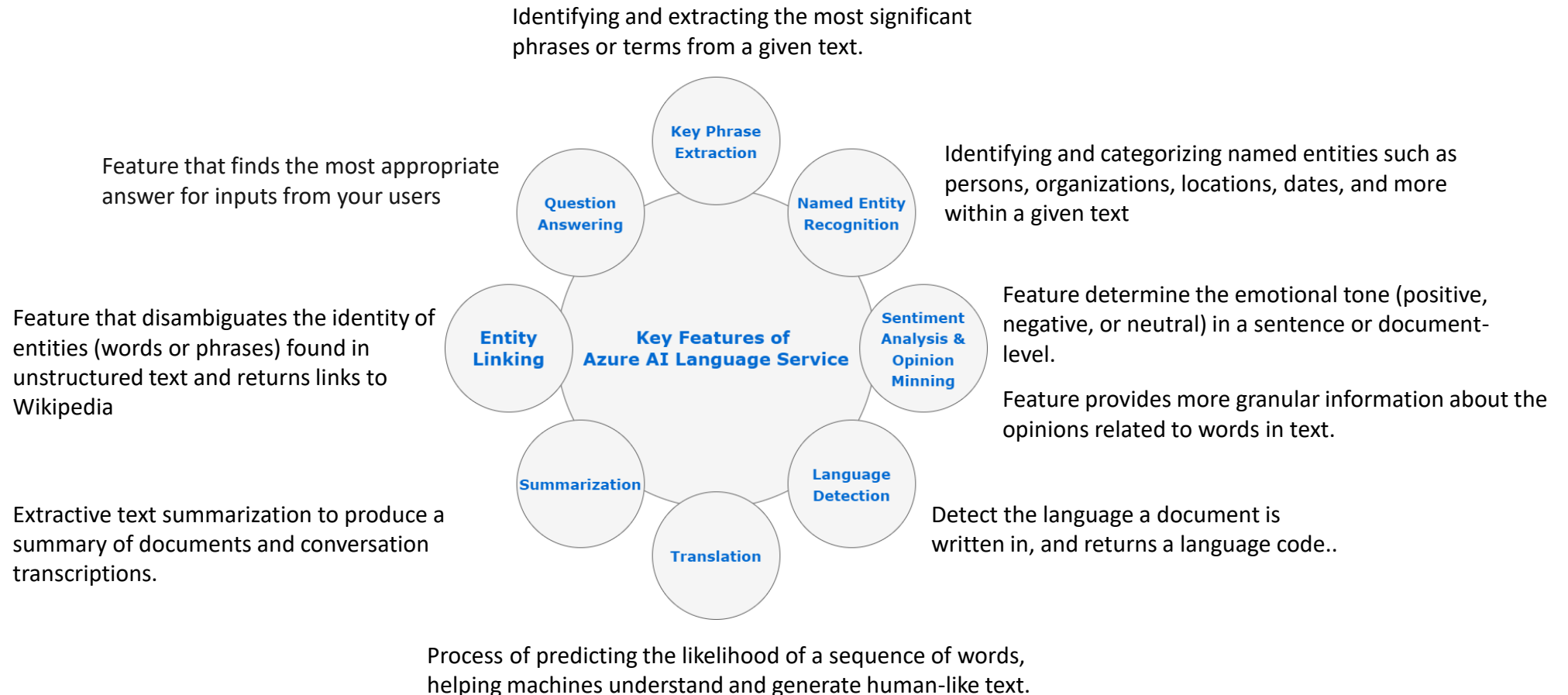
- Utterances
- Entities
- Intents

Required Resource Types To Use CLU Capabilities

- Azure AI Language
- Azure AI Service

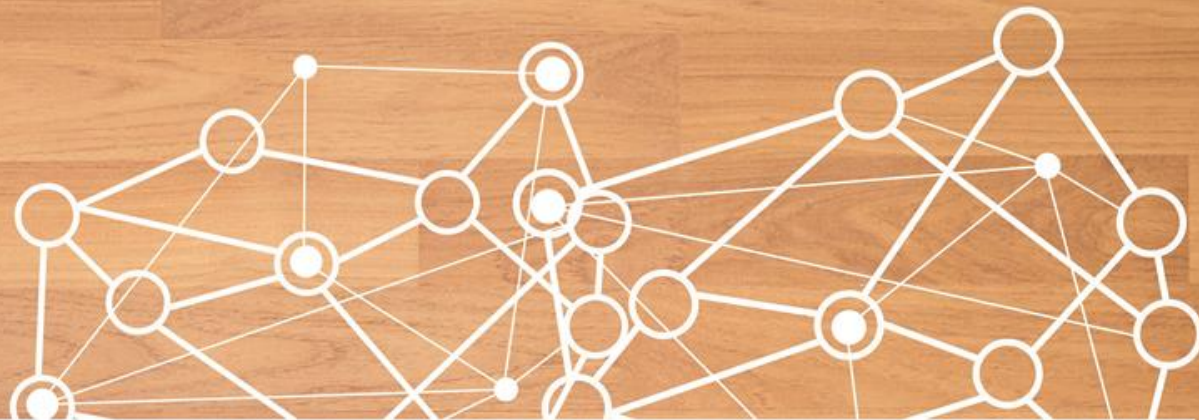
Utterances	Extracted Intents and Entities
<div><div>S</div><div>Stephan E Strange</div><div>Could you book a restaurant in Manhattan?</div><div>Apr 2, 2021</div></div>	<div>Intent: RestaurantBooking</div> <div>Entities: Location: Manhattan</div>
<div><div>W</div><div>Wall E West</div><div>Could you book a seafood restaurant near me?</div><div>Apr 2, 2021</div></div>	<div>Intent: RestaurantBooking</div> <div>Entities: Location: near me Cuisine: seafood</div>
<div><div>P</div><div>Peter Parkeur</div><div>Could you make a reservation at Red Lobster tonight?</div><div>Apr 2, 2021</div></div>	<div>Intent: RestaurantBooking</div> <div>Entities: Place name: Red Lobster Time: tonight</div>

Key Features of Azure AI Language





DEMO





*Thank
you*



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