Build your custom question answering over your knowledge base

using Azure Al Language Services

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About me



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- ✓ Microsoft Certified: Azure Solutions Architect Expert
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Topics to cover

- ☐ Intro to Azure Al Language Service
- ☐ Purpose of Custom Question Answering
- ☐ Live Demo

Introduction to Azure Al Language Service

☐ Provides Natural Language Processing(NLP) features for understanding and analyzing text ☐ Language Service can be Preconfigured or Customizable ☐ Some of the features of Language services-☐ Named Entity Recognition(NER) and Custom NER □ PII Detection ■ Language Detection ☐ Sentiment Analysis and Opinion mining ☐ Key Phrase extraction ■ Entity Linking ☐ Custom Text Classification ☐ Conversational Language Understanding(CLU) ☐ Question Answering Demo - Let's create the Azure Al Language Service via Azure portal

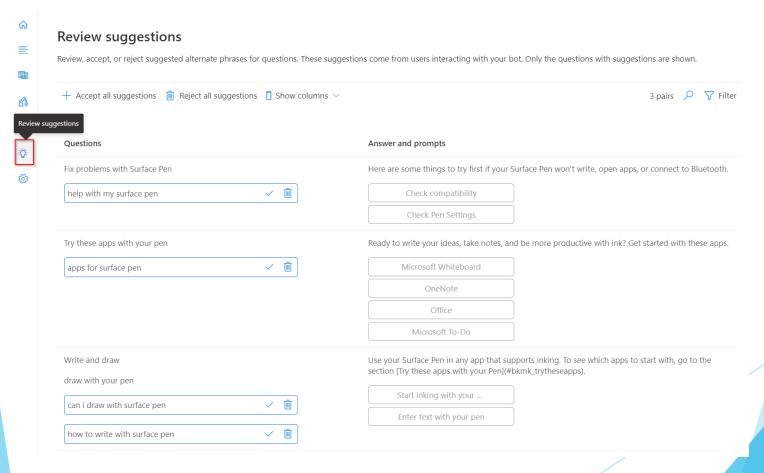
Purpose of Custom Question Answering

- ☐ Used for building Low code bots and conversational client applications
- ☐ When to use it?
 - ☐ When you have static information
 - ☐ When you want to provide the same answer to a question
 - ☐ When you want to extract question-and-answer pairs from an online FAQ or unstructured content
 - ☐ When you want to manage a bot conversation that includes static information
- ☐ Demo Let's create the Custom Question Answering project on the Language studio

Live Demo - What you are going to see?

- ☐ Create knowledge base for a pizza store
 - ☐ Adding Question-and-answer pairs manually
 - ☐ Adding Question-and-answer pairs via files
 - ☐ Adding Question-and-answer pairs via URL
- ☐ Train and test the knowledge base
- ☐ Publish the knowledge base
- ☐ How to programmatically Train and Test?
- ☐ Create a multi-turn conversation
- ☐ Add alternate phrasing and chit-chat

Review suggestions - sample page





Thank You

