

CHATBOT

Hello, in this document you can find how to create Chatbot using AI-Cognitive services

- First of all you need to create Resource .Group – mostly location EastUS,

Home >

Resource groups

Default Directory (vamshisingam8@gmail.onmicrosoft.com)

+ Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field... Subscription equals all Location equals all Add filter

Showing 1 to 5 of 5 records. No grouping List view

<input type="checkbox"/> Name ↑↓	Subscription ↑↓	Location ↑↓	
<input type="checkbox"/> kubarnetes	Free Trial	Australia East	...
<input type="checkbox"/> MC_rg_Abhi-Kube_centralindia	Free Trial	Central India	...
<input checked="" type="checkbox"/> NetworkWatcherRG	Free Trial	Australia East	...
<input type="checkbox"/> Project	Free Trial	East US	...
<input type="checkbox"/> rg	Free Trial	Central India	...

- After creating the RG, then you need to create “**App service plan**” in the azure service (basically this service is used to host apps , and API hosts etc)

App Service plans

Default Directory (vamshisingam8@gmail.onmicrosoft.com)

+ Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field... Subscription equals all Resource group equals all Location equals all Add filter

Showing 1 to 1 of 1 records. No grouping List view

<input type="checkbox"/> Name ↑↓	Location ↑↓	Operating System ↑↓	Apps ↑↓	Pricing Tier ↑↓	Resource group ↑↓	Subscription ↑↓	
<input checked="" type="checkbox"/> Vcube-chatbot	East US	Windows	0	Free (F1: 0)	Project	Free Trial	...

- Things to do while creating the app service ,
 - Must be in same RG region
 - Pricing plan : Free or Standard
- Now, create “**Language**” service that was there in the Azure Ai-services or go and search language in the global search then you can found it.
- When you click create then below options will pop up then click custom Question and Answering

Select additional features

By default, Azure AI service for Language comes with several pre-built capabilities like sentiment analysis, key phrase extraction, pre-built question answering, etc. Some customizable features below require additional services like Azure AI Search, Blob storage, etc. to be provisioned as well. Select the custom features you want to enable as part of your Language service.

Default features

- ✓ Sentiment analysis
- ✓ Key phrase extraction
- ✓ Pre-built question answering
- ✓ Conversational language understanding
- ✓ Named entity recognition
- ✓ Text Summarization
- ✓ Text analytics for Health

Custom features

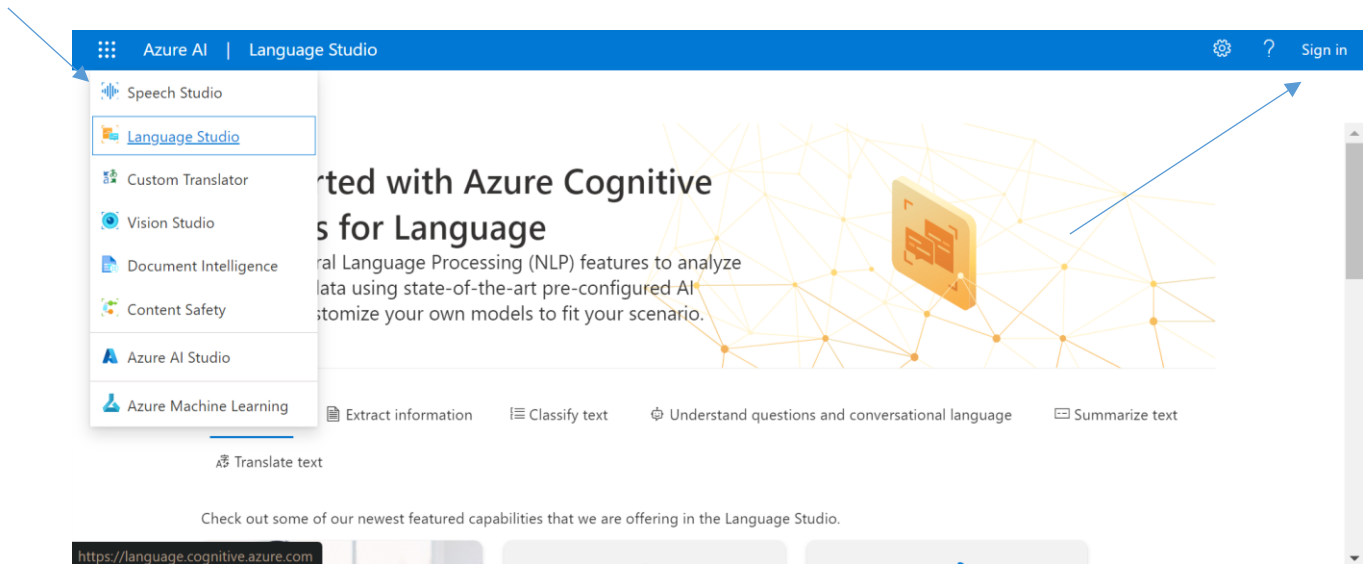
- ✓ Custom question answering
Use this feature to answer user's questions over your data corpus. Requires Azure AI Search. [Learn more.](#)
[Select](#)
- ✓ Custom text classification, Custom named entity recognition, Custom summarization, Custom sentiment

[Continue to create your resource](#)

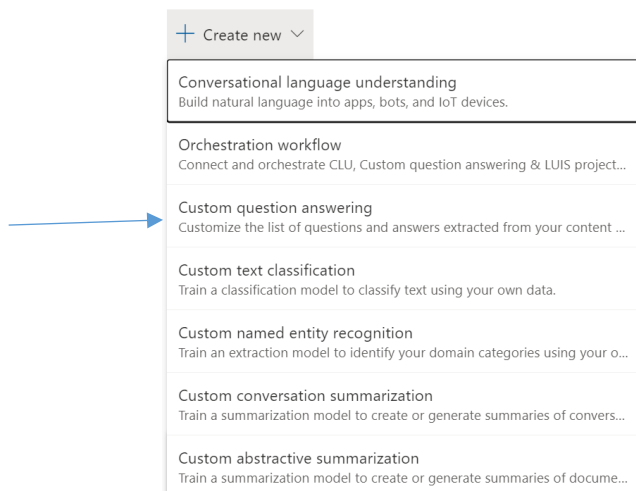
- After selecting the option then Click continue to create your resource
- Then its look like below picture .

- Then scroll down the page you can find the option “Language Studio” - Get started with language studio.

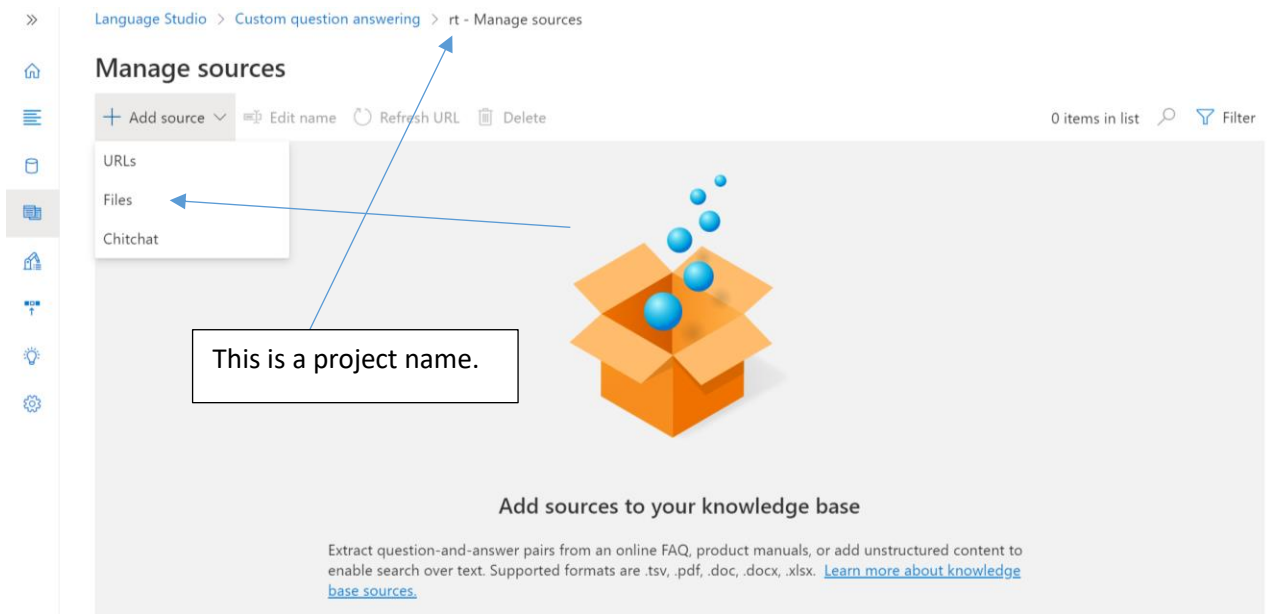
- At the right side of the page you can find the sign in option just go and sign in. there
- Click on that Highlighted button then it will push to another portal, then select the option, where the arrow is..



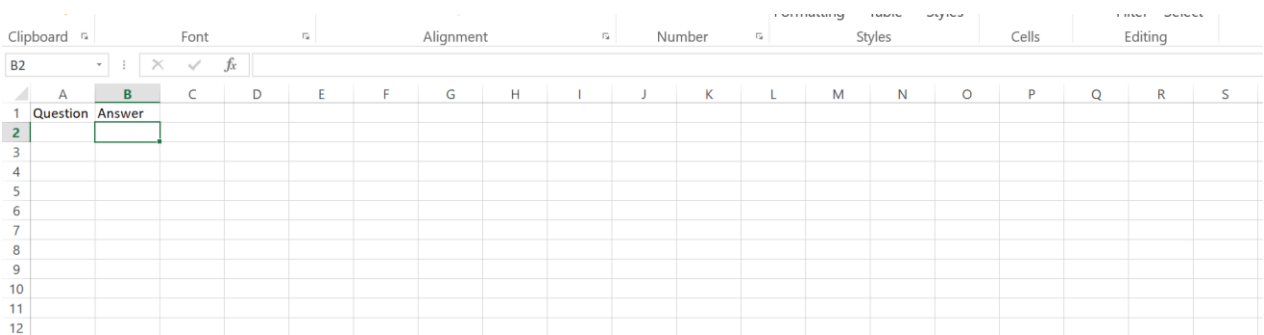
- After Clicking on that there was an option called create a new file Just click on that then several option will be pop up on the screen , just select “**Custom Question and Answering**”



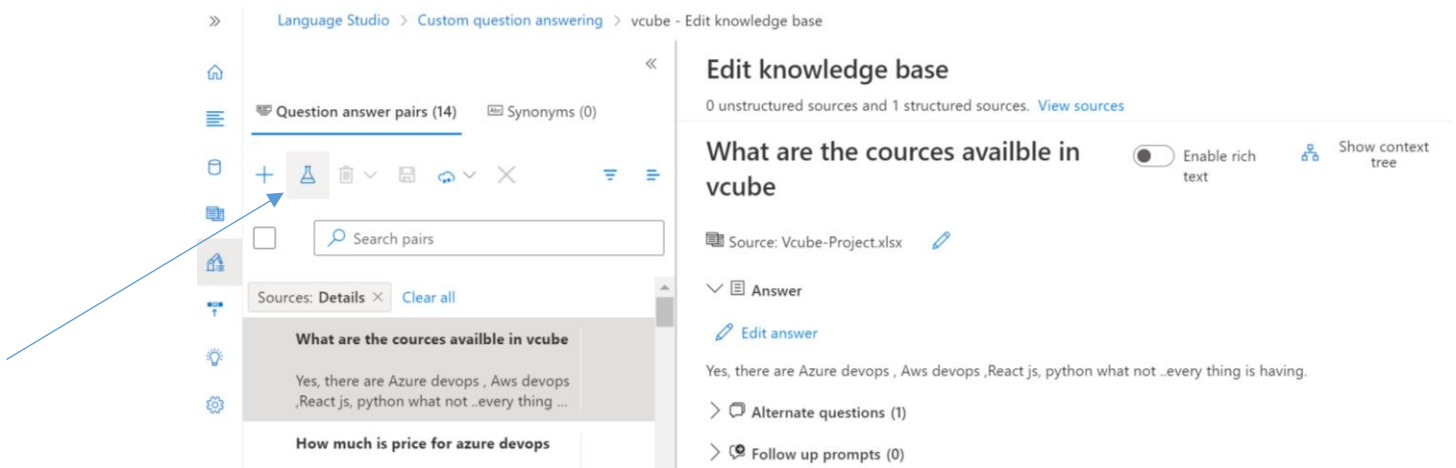
- Here, We need to give required details for creating the project
 Language Resource
 Name
 Description
 Source language – English
 Default Answer ///..after that create the project
- A blank screen will pop up , here your work comes .. find the “add resource” then add file (Excel - xlsx)



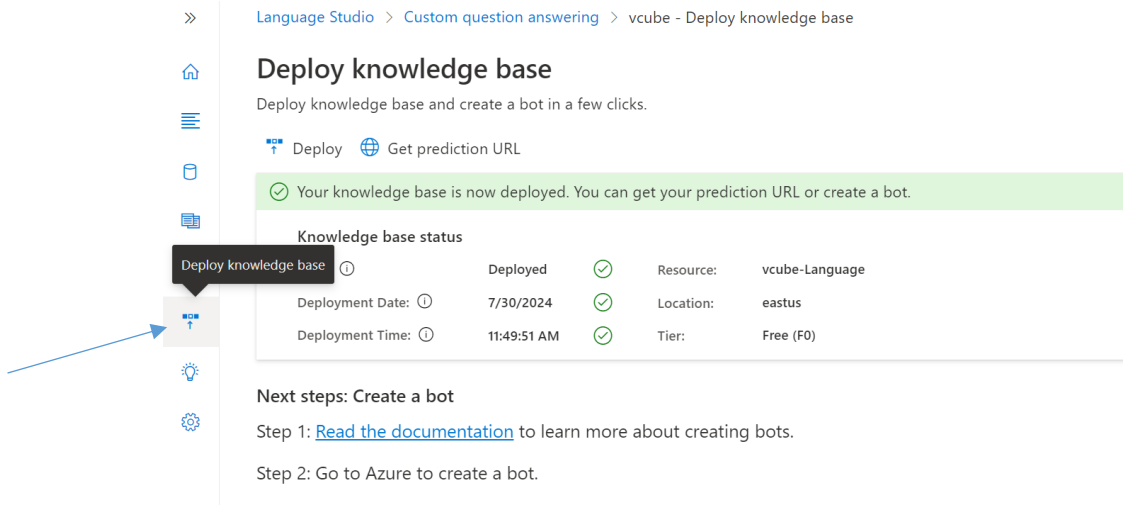
- Excel file has to be created first for loading data into our app



- Write “n” number of Question on left side and Answer on right side
- Or if you having website then past in the URL option



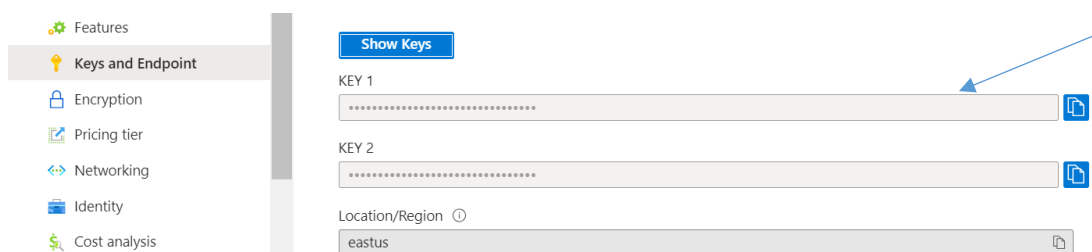
- The above arrow indicates the testing environment , form there you can test your data
- Now, the pre-final part **“Deployment”**



- The above image shows that deployment option you can deploy your code when testing is completed but, I already done it before so its shows like that after the deployment.
- Then slowly scroll up you can find the Button **“Create a Bot”**

Create a bot

- When you click on the above button it will directs to main azure portal – Default option custom deployment service will be there, you need to give the details to create that bot.
 - Bot Handle – Give name here
 - Pricing tier – F0 - Fee no bill, S1- it will costs
 - Select app service plan (That we have previously made)
 - Here need to give ' Language Resource Key ' = ****
 - Go to created language resource, find resource management.



- Past it here

App Settings

In App Service, these app settings are variables passed as environment variables to the bot code.

Language Resource Key *	<input type="text"/>
Language project name	<input type="text" value="vcube"/>
Language service endpoint hostname	<input type="text" value="https://vcube-Language.cognitiveservices.azure.com"/>

- Review + Create
- After Creating go to resource group find the “**Bot**” and integrate it in websites or Apps like Fb, Telegram through channels.

The screenshot shows the 'Channels' page for an Azure Bot named 'vcube-Language-bot'. The left sidebar contains navigation options: Overview, Activity log, Access control (IAM), Tags, Settings (expanded), Bot profile, Configuration, Channels (selected), Pricing, Test in Web Chat, Encryption, Networking, and Properties. The main content area shows a table of connected channels:

Channel	Health status	Details	Actions
Direct Line	Healthy	REST API for communicating directly with a bot	
Telegram	Healthy	Telegram Channel	Open in Telegram
Web Chat	Healthy	Embeddable Web Chat control	

Below the table, there is a section for 'Available Channels' with a link to 'Learn more'.

Thankyou,
K.Abhiya
(Batch-6)