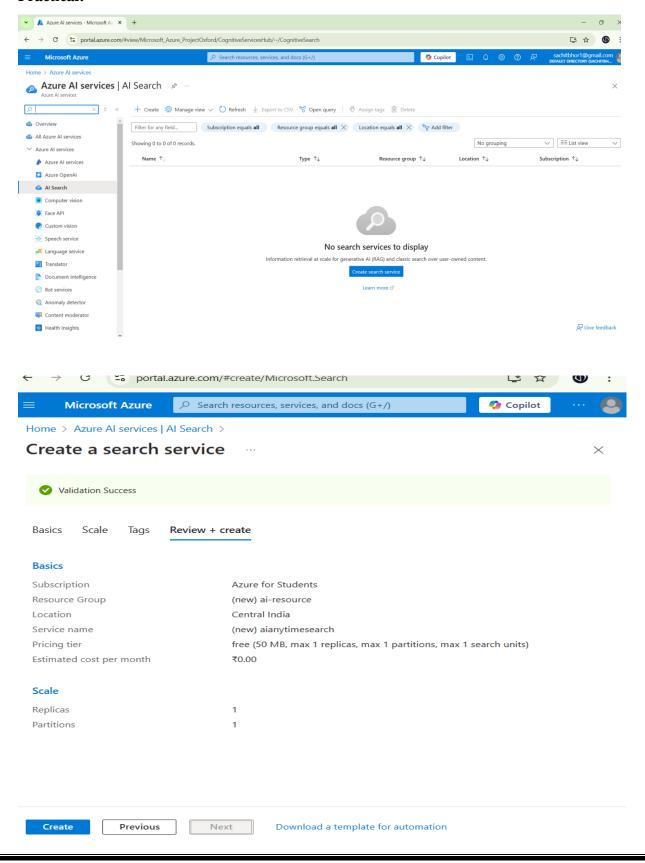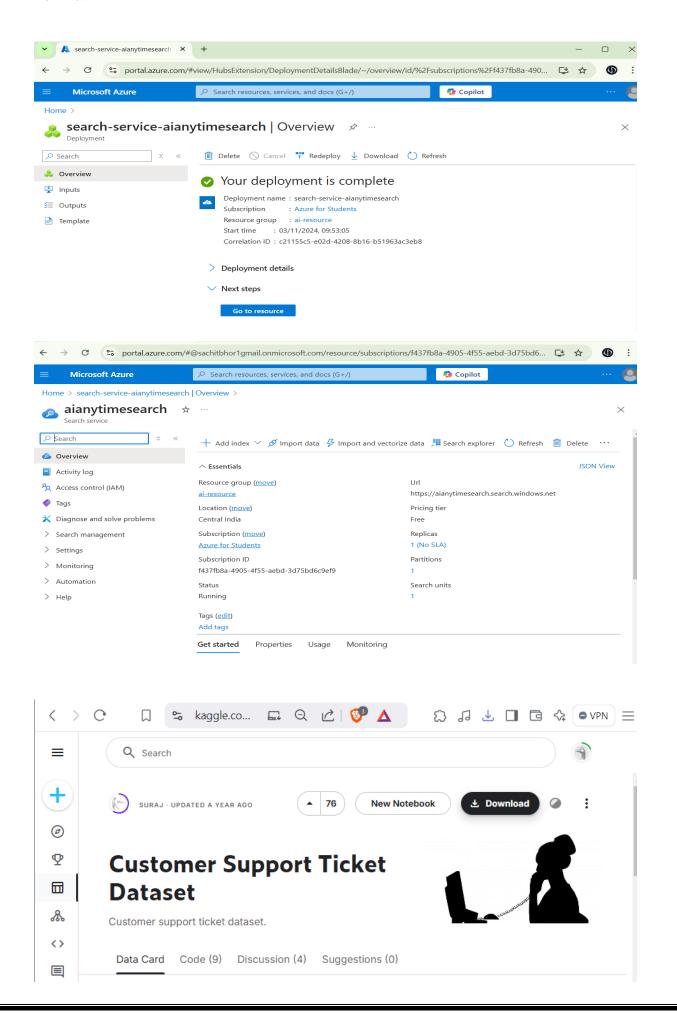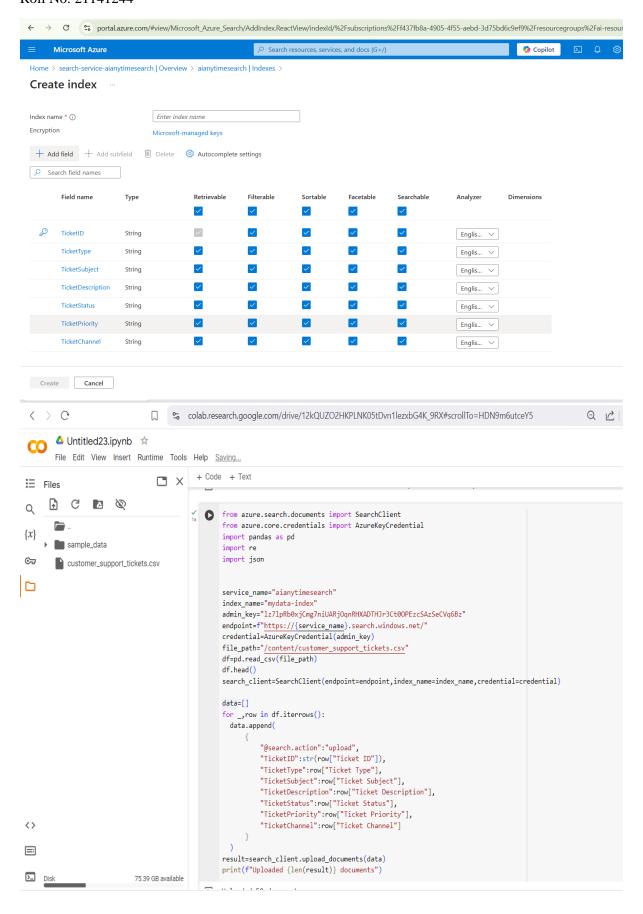Name: Sachit Bhor
Roll No: 21141244

Experiment No: 10

Title: Mini Project: Creating a cloud like social site for institute or any other applications using institute using cloud.
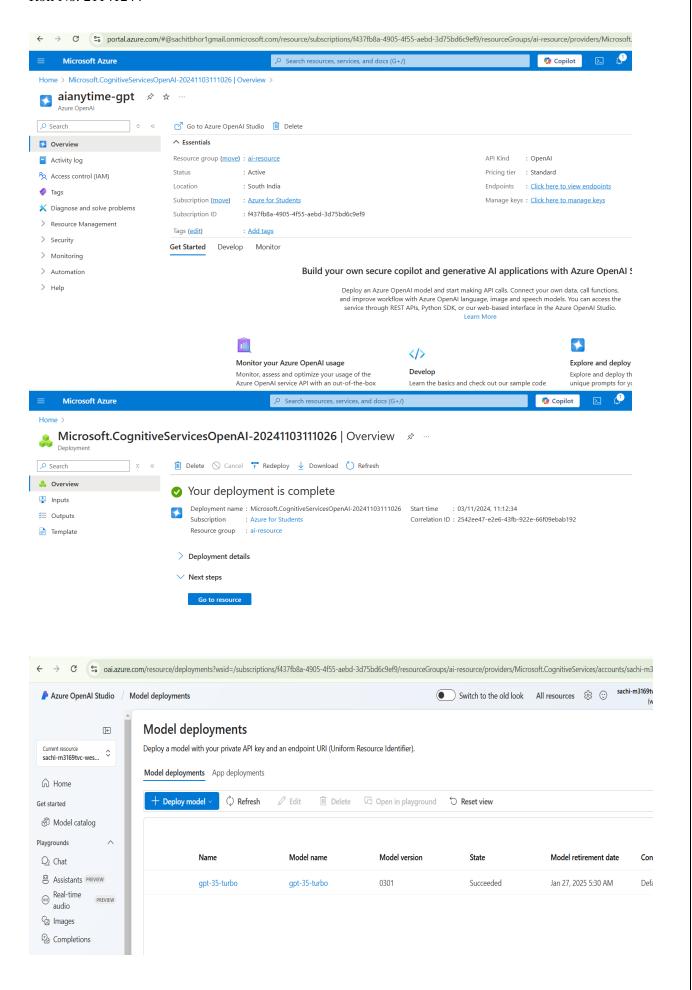
Practical:

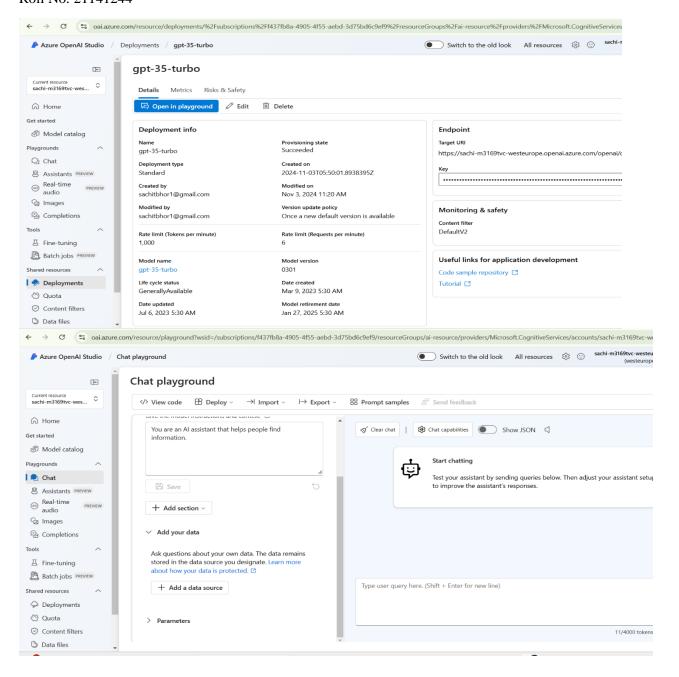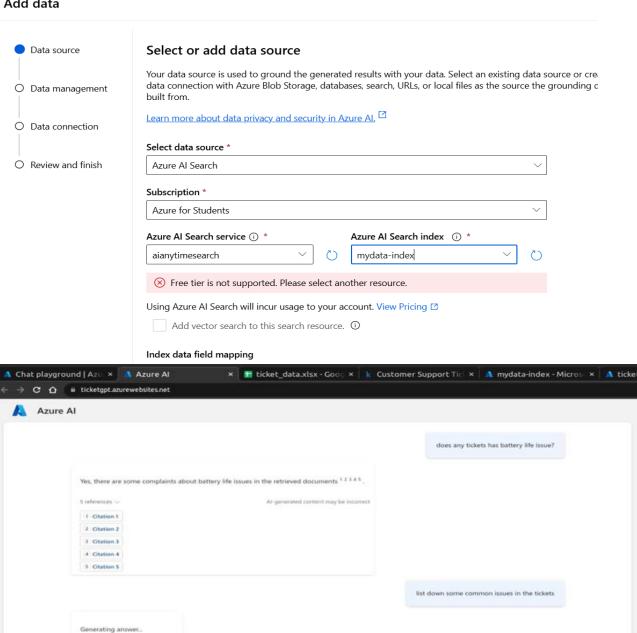Name: Sachit Bhor
Roll No: 21141244

portal.azure.com/#view/Microsoft_Azure_Search/AddIndex.ReactView/indexId/%2Fsubscriptions%2Ff437fb8a-4905-4f55-aebd-3d75bd6c9ef9%2Fresourcegroups%2Fai-resour

≡ **Microsoft Azure**   🔍 Search resources, services, and docs (G+/)   💠 Copilot ⌨ 🔔 ⚙

Home > search-service-aianytimesearch | Overview > aianytimesearch | Indexes >

Create index …

Index name * ⓘ   [Enter index name]

Encryption   Microsoft-managed keys

[+ Add field] [+ Add subfield] [🗑 Delete] [⚙ Autocomplete settings]

[🔍 Search field names]

	Field name	Type	Retrievable ☑	Filterable ☑	Sortable ☑	Facetable ☑	Searchable ☑	Analyzer	Dimensions
🔑	TicketID	String	☑	☑	☑	☑	☑	Englis... ▾	
	TicketType	String	☑	☑	☑	☑	☑	Englis... ▾	
	TicketSubject	String	☑	☑	☑	☑	☑	Englis... ▾	
	TicketDescription	String	☑	☑	☑	☑	☑	Englis... ▾	
	TicketStatus	String	☑	☑	☑	☑	☑	Englis... ▾	
	TicketPriority	String	☑	☑	☑	☑	☑	Englis... ▾	
	TicketChannel	String	☑	☑	☑	☑	☑	Englis... ▾	

[Create] [Cancel]

‹ › ⟳   🔖   colab.research.google.com/drive/12kQUZO2HKPLNK05tDvn1lezxbG4K_9RX#scrollTo=HDN9m6utceY5   ⊖ ↗

CO △ Untitled23.ipynb ☆

File Edit View Insert Runtime Tools Help Saving...

[+ Code] [+ Text]

☰ Files   ▢ ✕

🔍

{x}   📁 ..

         📁 sample_data

⊶   📄 customer_support_tickets.csv

📁

```python
from azure.search.documents import SearchClient
from azure.core.credentials import AzureKeyCredential
import pandas as pd
import re
import json


service_name="aianytimesearch"
index_name="mydata-index"
admin_key="lz7lpRb0xjCmg7niUARjOqnRHXADTHJr3Ct0OPEzcSAzSeCVq6Bz"
endpoint=f"https://{service_name}.search.windows.net/"
credential=AzureKeyCredential(admin_key)
file_path="/content/customer_support_tickets.csv"
df=pd.read_csv(file_path)
df.head()
search_client=SearchClient(endpoint=endpoint,index_name=index_name,credential=credential)

data=[]
for _,row in df.iterrows():
  data.append(
      {
          "@search.action":"upload",
          "TicketID":str(row["Ticket ID"]),
          "TicketType":row["Ticket Type"],
          "TicketSubject":row["Ticket Subject"],
          "TicketDescription":row["Ticket Description"],
          "TicketStatus":row["Ticket Status"],
          "TicketPriority":row["Ticket Priority"],
          "TicketChannel":row["Ticket Channel"]
      }
  )
result=search_client.upload_documents(data)
print(f"Uploaded {len(result)} documents")
```

<>

▤

🖳 Disk   75.39 GB available

Name: Sachit Bhor
Roll No: 21141244

portal.azure.com/#@sachitbhor1gmail.onmicrosoft.com/resource/subscriptions/f437fb8a-4905-4f55-aebd-3d75bd6c9ef9/resourcegroups/ai-resource/providers/Microsoft.Search/searchServices/ai...

Microsoft Azure

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Copilot

Home > aianytimesearch

aianytimesearch | Indexes
Search service

Search

Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Search management
Indexes

+ Add index   ⟳ Refresh   🗑 Delete

Filter by name...

Name	Document count	Vector index size	Total storage size
mydata-index	50	0 Bytes	16.29 KB

portal.azure.com/#view/Microsoft_Azure_Search/Index.ReactView/id/%2Fsubscriptions%2Ff437fb8a-4905-4f55-aebd-3d75bd6c9ef9%2Fresourcegroups%2Fai-resource%2Fproviders

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Home > aianytimesearch | Indexes >

mydata-index

💾 Save   ✕ Discard   ⟳ Refresh   ✂ Create demo app   { } Edit JSON   🗑 Delete   🔒 Encryption

Documents ⓘ   Total storage ⓘ   Vector index size ⓘ   Max storage ⓘ
50   16.29 KB   0 Bytes   50 MB

Search explorer   Fields   CORS   Scoring profiles   Vector profiles

Query options   👁 View ∨

show me some ticket related to login issue   Search

Results

```
12          "TicketPriority": "Low",
13          "TicketChannel": "Chat"
14        },
15        {
16          "@search.score": 3.0928116,
17          "TicketID": "3",
18          "TicketType": "Account",
19          "TicketSubject": "Account hacked",
20          "TicketDescription": "Customer is facing login issues.",
21          "TicketStatus": "Closed",
22          "TicketPriority": "High",
23          "TicketChannel": "Social Media"
24        },
25        {
26          "@search.score": 3.0928116,
27          "TicketID": "8",
```

portal.azure.com/#create/Microsoft.CognitiveServicesOpenAI

Microsoft Azure

Search resources, services, and docs (G+/)

Copilot

Home > Azure AI services | Azure OpenAI >

Create Azure OpenAI

Azure OpenAI Service provides access to OpenAI's powerful language models, including all the latest OpenAI models.
These models can be easily adapted to your specific tasks, including but not limited to content generation,
summarization, image understanding, semantic search, and natural language to code translation. Top use cases include
Call Centers, Virtual Assistants, Accessibility, Content Generation, and Code Development. The service also features the
Assistants API, Fine Tuning capabilities and many ways to connect your data to the service for conversational
experiences. The service can be scaled through Standard (tokens) and Provisioned (PTUs) deployment types.

Learn more

Project Details

Subscription * ⓘ   Azure for Students

Resource group * ⓘ   ai-resource
                          Create new

ⓘ Azure AI services resource creation requires subscription registration, we detected that your selected subscription did
not register Cognitive services resource type before, we will help you to register Cognitive services resource type when
you select a subscription in subscription dropdown. Click to learn more how to check registration state for your selected
subscription.

Instance Details

Region ⓘ   South India

Name * ⓘ   aianytime-gpt

Previous   Next

Name: Sachit Bhor
Roll No: 21141244

Name: Sachit Bhor
Roll No: 21141244

Name: Sachit Bhor
Roll No: 21141244

Add data

- ● Data source
- ○ Data management
- ○ Data connection
- ○ Review and finish

Select or add data source

Your data source is used to ground the generated results with your data. Select an existing data source or cre... data connection with Azure Blob Storage, databases, search, URLs, or local files as the source the grounding c... built from.

Learn more about data privacy and security in Azure AI. ↗

Select data source *

| Azure AI Search | ⌄ |

Subscription *

| Azure for Students | ⌄ |

Azure AI Search service ⓘ *   **Azure AI Search index** ⓘ *

| aianytimesearch | ⌄ | ↻ | mydata-index | ⌄ | ↻

⊗ Free tier is not supported. Please select another resource.

Using Azure AI Search will incur usage to your account. View Pricing ↗

☐ Add vector search to this search resource. ⓘ

Index data field mapping