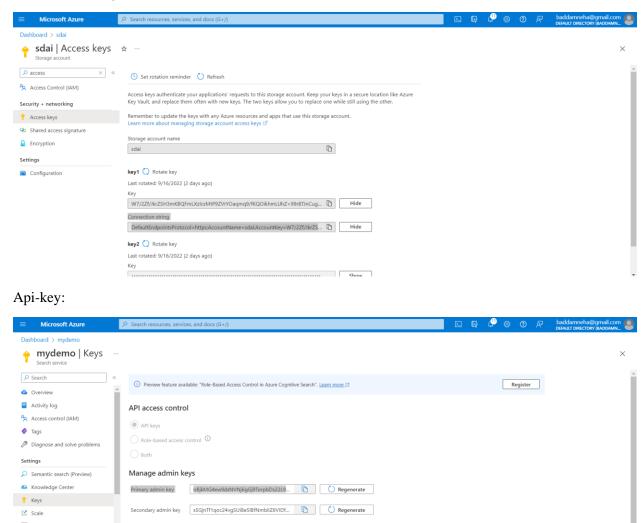
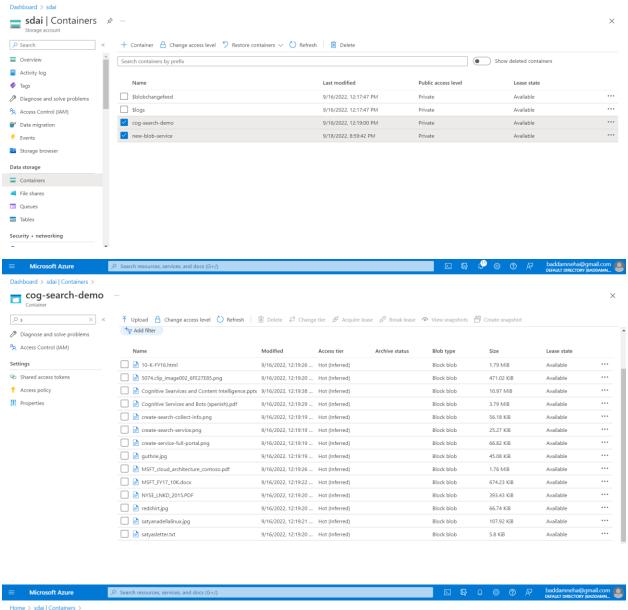
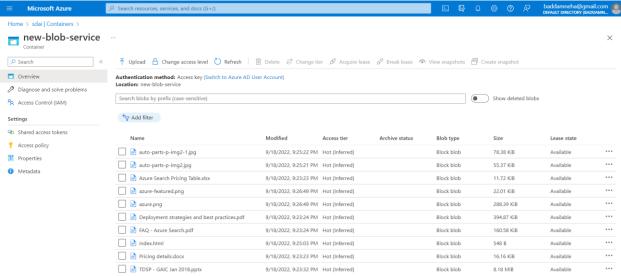
Pre-requisites to execute the code:

Connection string:

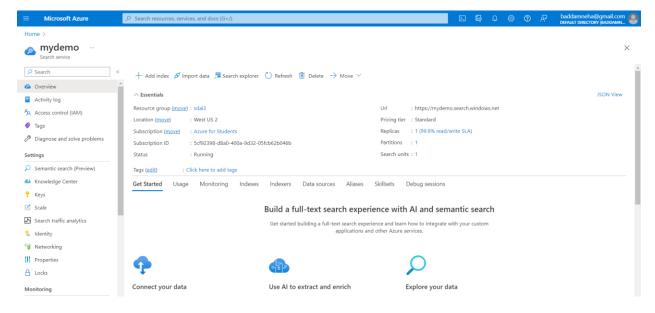


Blob service containers:





Search service:



Running existing code in the tutorial

Initially we imported json, requests and pprint packages. Then we named data source, skillset, index and indexer. Then we setup the endpoint and header. Endpoint has the url of the service. Header has the api-key, that we get from the keys of the "mydemo" search service.

Now we have created data source, that points to the azure storage account, that has the blob service that contains data. Then we print the request status code. Here it is 201 which indicates success.

Now we create a skillset. Then we print the request status code. Here it is 201 which indicates success.

```
# Create a skillset
skillset_payload = {
    "name": skillset_name,
    "description":
    "extract entities, detect language and extract key-phrases",
    "skills":
                "@odata.type": "#Microsoft.skills.Text.splitskill",
"textSplitMode": "pages",
"maximumPageLength": 4000,
"inputs": [
print(r.status_code)
                                                                                                                                                                                                                                             Python
```

Now we create an index. Then we print the request status code. Here it is 201 which indicates success.

Now we create an indexer. Then we print the request status code. Here it is 201 which indicates success.

```
| Create an indexer | Indexer payload - |
| "nume": indexer payload - |
| "nume": indexer payload - |
| "star | indexer pass
| "source in indexer | "metadata_storage_path",
| "source in indexer | "metadata_storage_path",
| "source in indexer | "metadata_storage_path",
| "source in indexer | "content |
| "source in indexer | "content |
| "source in indexer | "content |
| "source in indexer | "document / pages / keythrases / "",
| "source in indexer | "document / pages / keythrases / "",
| "source in indexer | "document / pages / keythrases / "",
| "source in indexer | "document / pages / keythrases / "",
| "source in indexer | "document / pages / keythrases / "",
| "source in indexer | "document / pages / keythrases / "",
| "source in indexer | "document / language code",
| "sara in indexer | "document / language code",
| "sara in indexer | "document / language code",
| "sara in indexer | "document / language code",
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| "sara in indexer | "docume
```

Now we print the indexer status.

Now we get the service for the index definition.

Below is the full output:

```
PythonTutorial AcureSearch-Allerichment lipyth 

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4 ('\text{"Searchadatari Five.oscontext'';

5 ('\text{"NotionSearch.valindoss.net/Searchadatari indexes/Sentity",\n')

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6 ('\text{"NotionSearch.valindoss.net/Searchadatari indexes/Sentity",\n')

7 ('\text{"Searchadatari true,\n')

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12 ('\text{"NotionSearchadatari indexes/Sentity",\n')

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14 ('\text{"NotionSearchadatari indexes/Sentity",\n')

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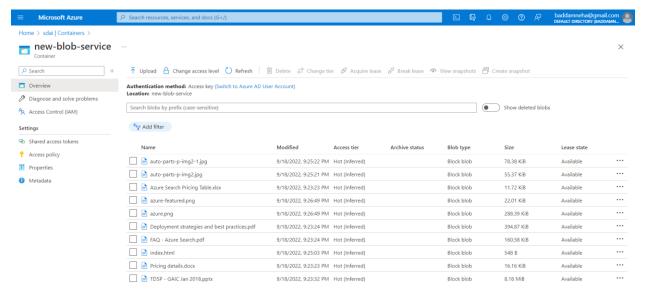
Pythoditability (very 1)

- "septimization of the party of the
```

Now we query the index to return contents of organizations

Running code in the tutorial with new data

Below is the data set in the new blob container:



Initially we imported json, requests and pprint packages. Then we named data source, skillset, index and indexer. Then we setup the endpoint and header. Endpoint has the url of the service. Header has the api-key, that we get from the keys of the "mydemo" search service.

Now we have created data source, that points to the azure storage account, that has the blob service that contains data. Then we print the request status code. Here it is 201 which indicates success.

```
## Create a data source
## This data source points to your Azure Storage account.
## You should allerady have a blob container that contains the sample data

## datasource_payload = {

| "name": datasource_name,
| "description": "Demo files to demonstrate cognitive search capabilities.",
| "type": "azureblob",
| "credentials": {

| "container": {

| "name": inew-blob-service"
| }
}

| r = requests.put(endpoint + "/datasource_name,
| | | | datasource_name,
| | | datasource_name,
| | | datasource_name,
| 13s

| Python

## 201
```

Now we create a skillset. Then we print the request status code. Here it is 201 which indicates success.

```
# Create a skillset
skillset_palpoad = {
    "name": skillset_name,
    "description":
    "Extract entities, detect language and extract key-phrases",
    "skills":
                   "@odata.type": "#Microsoft.Skills.Text.SplitSkill",
"textSplitMode": "pages",
"maximumPageLength": 4000,
"inputs": [
                             "name": "languageCode",
"source": "/document/languageCode"
```

Now we create an index. Then we print the request status code. Here it is 201 which indicates success.

```
"filterable": "false",
    "facetable": "false"
},
{
    "name": "organizations",
    "type": "Collection(tdm.string)",
    "searchable": "false",
    "sortable": "false",
    "filterable": "false",
    "facetable": "false",
    "facetable": "false"
}
}

r = requests.put(endpoint + "/indexes/" + index_name,
    data=json.dumps(index_payload), headers=headers, params=params)
print(r.status_code)

4.1s

Python

Python
```

Now we create an indexer. Then we print the request status code. Here it is 201 which indicates success.

Now we print the indexer status.

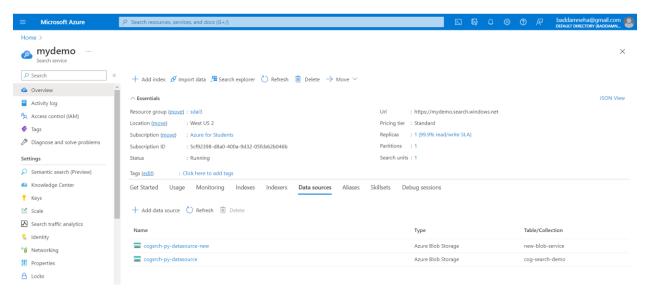
Now we get the service for the index definition.

Below is the full output:

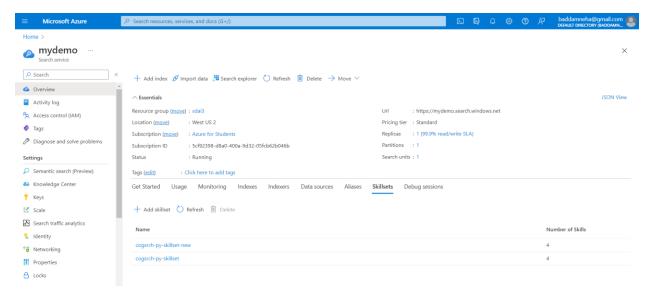
Now we query the index to return contents of organizations

Output

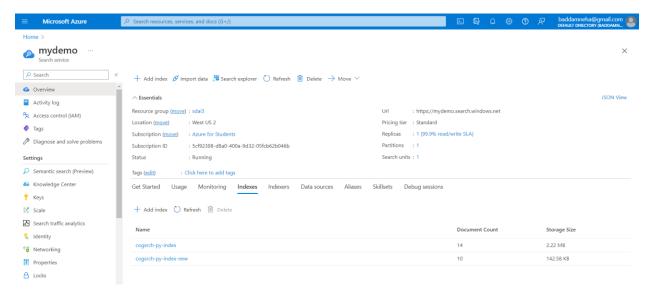
Data sources created:



Skillsets created:



Indexes created:



Indexers created:

