# Pre-requisites to execute the code:

Connection string:

Graphical user interface, application

Description automatically generated

Api-key:

Graphical user interface, application

Description automatically generated

Blob service containers:

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application, table

Description automatically generated

Graphical user interface, application, table

Description automatically generated

Search service:

Graphical user interface, text, application, email

Description automatically generated

# 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.

Graphical user interface, application

Description automatically generated

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.

Text

Description automatically generated

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

Text

Description automatically generatedText

Description automatically generatedText

Description automatically generated

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

Text

Description automatically generatedA picture containing graphical user interface

Description automatically generated

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

Text

Description automatically generatedA picture containing graphical user interface

Description automatically generated

Now we print the indexer status.

Text

Description automatically generated

Now we get the service for the index definition.

Text

Description automatically generated

Below is the full output:

Text

Description automatically generated

Text

Description automatically generated

Graphical user interface, application

Description automatically generated with medium confidence

Now we query the index to return contents of organizations

Text

Description automatically generated

# Running code in the tutorial with new data

Below is the data set in the new blob container:

Graphical user interface, application, table

Description automatically generated

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.

Graphical user interface, application

Description automatically generated

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.

Text

Description automatically generated

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

Text

Description automatically generated

Text

Description automatically generated

Graphical user interface

Description automatically generated with medium confidence

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

Text

Description automatically generated

Graphical user interface, text

Description automatically generated

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

Text

Description automatically generated

A picture containing graphical user interface

Description automatically generated

Now we print the indexer status.

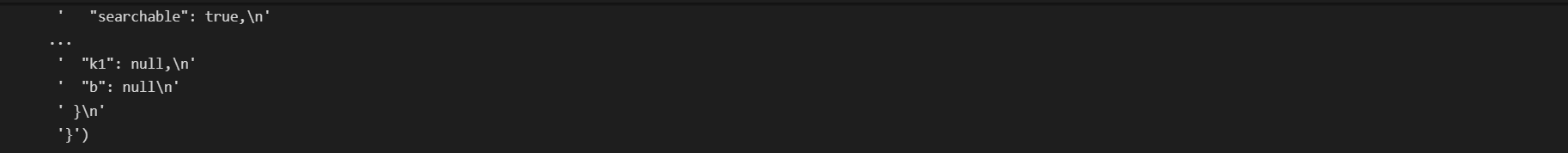
Text

Description automatically generated

Now we get the service for the index definition.

Text

Description automatically generated



Below is the full output:

Text

Description automatically generated

Text

Description automatically generated with medium confidence

Text

Description automatically generated with medium confidence

Now we query the index to return contents of organizations

Text

Description automatically generated

# Output

Data sources created:

Graphical user interface, text, application, email

Description automatically generated

Skillsets created:

Graphical user interface, text, application, email

Description automatically generated

Indexes created:

Graphical user interface, text, application, email

Description automatically generated

Indexers created:

Graphical user interface, text, application, email

Description automatically generated