

AMAZON BEDROCK

Knowledge Bases With S3 As Datasource

Prerequisites

- Create a S3 bucket and upload logs.txt file in it.

Section - 1

Step-1 : In the AWS search box type Amazon Bedrock. Open it in a new tab.

Step-2 : In the left menu under the “Builder tool” section select “Knowledge bases”.

Step-3 : Click on “Create knowledge base” button.

Step-4 : In “Provide knowledge base details” page under “Knowledge base details” section give “Knowledge base name”(knowledge-base-quick-start-lecyo).

Step-5 : Under “Choose data source” section select “Amazon S3” as datasource. Click on “Next” button.

Step-6 : In “Configure data source” page click on “Browse S3” button.

Step-7 : In the pop-up appear select the S3 bucket where your data exists and click on “Choose”. Then click on “Next”.

Step-8 : In “Select embeddings model and configure vector store” page under “Embeddings model” section select an AI model. Click on “Next” button.

Step-9 : Verify all the details and click on the “Create knowledge base” button. This takes 10 minutes to create.

NOTE: It also creates Amazon Opensearch Service collection internally where our data is stored.

Section - 2

Step-1 : Once created click on the knowledge base created.

Step-2 : Under “Data sources” section select the bullet button and click on the “Sync” button.

Section - 3

Step-1 : Click on the knowledge base created and on top right corner click on “Test” button.

Step-2 : Search window will appear and search for any data present in S3(Do we have any error logs?).

Clean Up

Step-1 : Select bullet button of knowledge base and click on delete. In the pop-up window enter delete and click on delete.

Step-2 : In the search bar type opensearch and open “Amazon OpenSearch Service” in the new tab.

Step-3 : In the left menu, Under serverless menu click on “Collections”. Click on the collection check box created by Amazon bedrock knowledge base and click on “Delete” button.

Step-4 : In the pop-up appear enter “confirm” and click on “Delete”.
