AMAZON BEDROCK

Agent Tool And Function Calling With Amazon Bedrock

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 "Agents".

Step-3 : Click on the "Create Agent" button. In the pop-up window give some agent name(demo-agent). Under "select model" section add some instructions for the agent(You are the agent to help me with the time).

Step-4 : Under the "Action groups" section click on "Add" button.

Step-5 : In the new window that appeared under "Action group details" section give the action group a name(demo-action-group).

Step-6 : Under the "Action group function 1" section provide function name(get_time).

Step-7 : Click on "Create" button.

Step-8 : On top of the screen click on "Save" button. Then click on "Prepare".

Section - 2

Step-1 : Click on the agent created.

Step-2 : Under the "Action groups" section click on the action group created.

Step-3 : Under the "Action group invocation" section, Right of "Select Lambda function" section click on "View". Lambda function created will be opened.

Step-4 : Update the code in this lambda function with code given in adding-tools.py file.

Step-5 : Click on "Deploy" button on top of the lambda function code.

Section - 3
Step-1 : Visit the Agents section as said above in Amazon Bedrock service.

Step-2 : Click on the agent created. On top of the screen click on "Test" button.

Step-3 : In the prompt appeared search for "What is the time?"

Step-4 : It will answer with the time in UTC(The current time is 15:35:19).

Clean Up
Step-1 : Select the agent created and click on the "Delete" button.

Step-2 : In the pop-up appear type "delete" and click on "Delete".

Step-3 : Visit lambda function console select the checkbox of lambda function created by amazon bedrock agent and click on "Actions" and click on "Delete".

Step-4 : In the pop-up appear type delete and click on "Delete" and click on "Close".