

SDK Setup

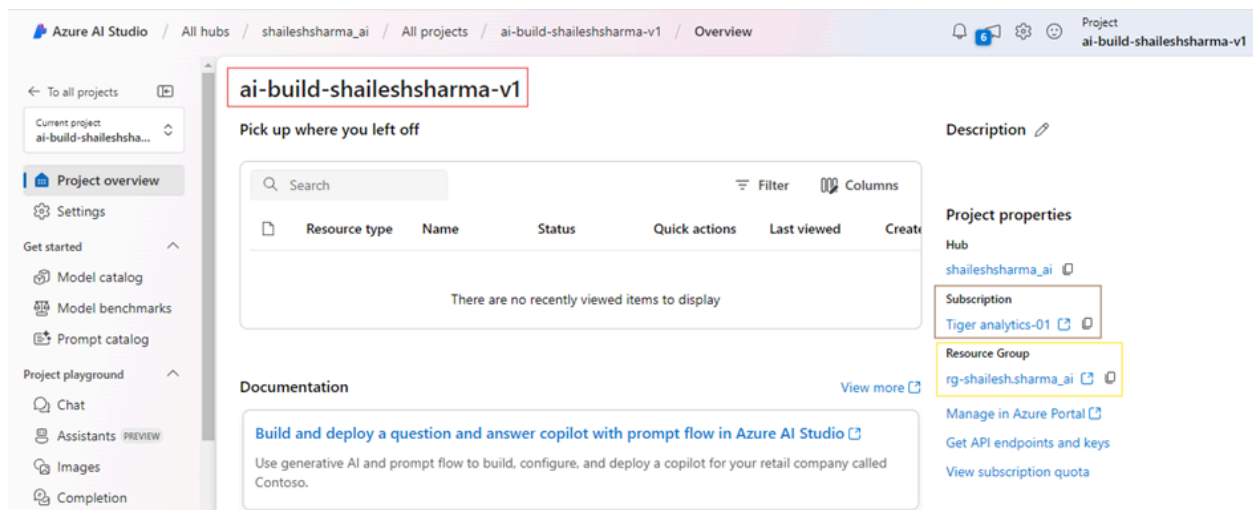
Prerequisites: You have created a project in Azure AI studio.

1. User Configuration

1. After the conda environment is created, navigate to **hacks/codes/config.json** in the project directory.

```
{  
  "subscription_id": "",  
  "resource_group": "",  
  "project_name": ""  
}
```

2. Fill the details for subscription_id, resource_group and project_name in config.json. Navigate to the azure ai project dashboard.
 - a. Copy the **project name** highlighted in red at the top in the project overview.
 - b. Copy resource group name highlighted in yellow under **Resource Group**.



- c. For subscription id, open the link under **Subscription** in above screenshot. Copy the subscription id highlighted in red below.

The screenshot shows the Microsoft Azure portal interface. At the top, there's a blue header with the Microsoft Azure logo and a search bar. Below the header, the page title is 'Tiger analytics-01' with a star icon and a menu icon. Underneath the title, there's a search bar and three action buttons: 'Cancel subscription', 'Rename', and 'Feedback'. On the left side, there's a navigation pane with 'Overview' selected, and other options like 'Activity log', 'Access control (IAM)', and 'Tags'. The main content area is titled 'Essentials' and displays subscription details. The 'Subscription ID' is highlighted with a red box and is '57a36344-3906-4293-9991-5010c5255d5e'. Other details include 'Directory: Microsoft India Pvt Ltd (MCAPSIndiaHackathon.on...', 'Status: Active', 'Parent management group: ---', 'Subscription name: Tiger analytics-01', 'My role: Owner', 'Plan: Azure Plan', and 'Secure Score: Not available'.

2. Environment Variables

1. Navigate to **hacks/codes/config/environment_variables.env** in the project directory.
Fill all environment values required for azure connection.

```
# Azure AI search connection and deployment parameters
AZURE_AI_SEARCH_ENDPOINT = ""
AZURE_AI_SEARCH_KEY = ""
AZURE_COGNITIVE_SEARCH_CONNECTION_NAME = "AzureAISearch"

# Azure OpenAI model deployed connection parameters
AZURE_OPENAI_ENDPOINT = ""
AZURE_OPENAI_KEY = ""
AZURE_OPENAI_API_VERSION = ""
AZURE_OPENAI_CONNECTION = ""

# Chat generation model deployment parameters
AZURE_OPENAI_CHAT_DEPLOYMENT = "gpt-35-turbo-16k"

# Embedding model deployment parameters
AZURE_OPENAI_EMBEDDING_DEPLOYMENT = "text-embedding-ada-002"
AZURE_OPENAI_EMBEDDING_MODEL = "text-embedding-ada-002"
```

2. Go to azure ai studio ---> all hubs and navigate to the current hub.

Azure AI Studio / All hubs / shaileshsharma_ai / Overview

← To all hubs

Current hub
shaileshsharma_ai

Hub overview

All projects

Get started

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Prompt catalog

AI Services

Playgrounds

Chat

Assistants PREVIEW

Shared resources

Overview

Projects 2 [View all →](#)

Name	Friendly name	Created on
ai-build-shaileshsharma-v1	ai-build-shaileshsharma-v1	Jun 13, 2024 11:34 AM
shaileshsharma-5035	shaileshsharma-5035	Jun 12, 2024 4:11 PM

[+ New project](#)

Description [✎](#)

Add a hub description here

Connected resources 8 [View all →](#)

Name	Type
AzureAISearch	Azure AI Search (Cognitive Search) PREVIEW
openai-tigeranalytics-101	Azure OpenAI

- Under **Connected resources**, click on **AzureAISearch** highlighted in red above. Copy the endpoint name highlighted in red below and fill in **AZURE_AI_SEARCH_ENDPOINT** in the file. Copy **API Key** highlighted in yellow and fill in **AZURE_AI_SEARCH_KEY**.

Azure AI Studio / All hubs / shaileshsharma_ai / Connected resources / AzureAISearch

← To all hubs

Current hub
shaileshsharma_ai

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AzureAISearch

Connection Details


Resource
[aihubsearch2401](#)

Service
Azure AI Search (Cognitive Search) PREVIEW

Target
<https://aihubsearch2401.search.windows.net>

Added on
Jun 12, 2024, 4:11:08 PM

Modified on
Jun 12, 2024, 4:11:08 PM

Added by
 shailesh.sharma@tigeranalytics.com

Access details [✎](#)

Access Details ⓘ
Shared to all projects

Authentication
ApiKey

API Key
..... [🔗](#) [📄](#)

4. Under **Connected resources**, open the link for **AzureOpenAI** present as openai-tigeranalytics-101 in the screenshot.
 1. Copy openai endpoint under Target and fill in **AZURE_OPENAI_ENDPOINT**.
 2. Copy API Key and fill in **AZURE_OPENAI_KEY**.
 3. Copy the connection name at the top highlighted in green and fill in **AZURE_OPENAI_CONNECTION**.

