Contents

[Demo 1: Request Azure Open AI form Fine TUning 1](#_Toc152361414)

[DEMO 2: Azure OpenAI Playground How to secure Azure Open AI Service 18](#_Toc152361415)

[DEMO 3: Azure AI Content Safety 32](#_Toc152361416)

[DEMO 4: Learning 44](#_Toc152361417)

# Demo 1: Request Azure Open AI form Fine Tuning

## Use ChatGPT to create sample data

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

## Creating Custom Model (use powerplatformopenau123sgp)

A screenshot of a computer

Description automatically generated

### Warning

A screenshot of a custom model

Description automatically generated

### EAST US 2 not support fine tuning

## Create new instance in different region (west- Europe)

A screenshot of a computer

Description automatically generated

A screenshot of a custom model

Description automatically generated

A screenshot of a computer

Description automatically generated

### Training data

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

### Use the model

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

### NOTE this takes 10-15 minutes

### Test under Completions

### Positive – I am very happy today

A screenshot of a computer

Description automatically generated

### Negative - tomorrow will be tough day

A screenshot of a computer

Description automatically generated

# DEMO 2: Azure OpenAI Playground How to secure Azure Open AI Service

## Create a new Azure VM

* Resource Group : Aroh-MVP

**Instance details**

* Virtual machine name: **arohopenai-vm**
* Region: **(US) East US 2**
* Availability options: **Availability zone**
* Availability Zone: **Zone 1**
* Security Type : **Standard**
* Image: **Windows Server 2022 Datacenter: Azure Edition**
* VM Architecture: x64
* Size: **Standard\_B2s 2 VM**

Admin Account

* Username: arohvmopenai
* Password: Arolakaar786

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

### Review VM

A screenshot of a computer

Description automatically generated

We want to restrict **only subnet** be available for **our internal users.**

## User the same Azure OpenAI Instance

A screenshot of a computer

Description automatically generated

## Configure Networking

Networking tab: **All networks**  
A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

### Click on + Private Endpoint

A screenshot of a computer

Description automatically generated

### Create a private endpoint – Basics

A screenshot of a computer

Description automatically generated

### Create a private endpoint – Resource

A screenshot of a computer

Description automatically generated

### Create a private endpoint – Virtual Network

A screenshot of a computer

Description automatically generated

### Create a private endpoint – DNS

A screenshot of a video chat

Description automatically generated

### Create a private endpoint – Tags

A screenshot of a computer

Description automatically generated

### Create a private endpoint – Review & Create

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

### Private endpoint

A screenshot of a computer

Description automatically generated

### 3 - Click on Private Resource

A screenshot of a computer

Description automatically generated

### Private endpoint connections

A screenshot of a computer

Description automatically generated

### Disable Firewall and virtual network

A screenshot of a computer

Description automatically generated

#### Save

A screenshot of a computer

Description automatically generated

### Now we cant access this from public Intranet

# DEMO 3: Azure AI Content Safety

## {Azure Content Safety

* Search for **content safety**

A screenshot of a computer

Description automatically generated

### Create a new Content Safety instance

A screenshot of a computer

Description automatically generated

### Create Content Safety – Basics

A screenshot of a computer

Description automatically generated

### Create Content Safety – Network

A screenshot of a computer

Description automatically generated

### Create Content Safety – Identity

A screenshot of a computer screen

Description automatically generated

### Create Content Safety – Tags

A screenshot of a computer screen

Description automatically generated

### Create Content Safety – Review + Create

A screenshot of a computer

Description automatically generated

### Conent Safety - Instance

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

## Analyzing Text

Endpoint

https://contentsaferysgp123.cognitiveservices.azure.com/

Key

7e7df51d4d5f446b8468744a372c5bc1

Postman

### Params

A screenshot of a computer

Description automatically generated

### Header

A screenshot of a computer

Description automatically generated

### Body :

A screenshot of a computer

Description automatically generated

{

"text": "Sky is blue"

}

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

{

    "text": "I want to kill this person"

}

A screenshot of a computer

Description automatically generated

## Analyzing Images

Text moderation API endpoint

============================

<endpoint>/contentsafety/image:analyze?api-version=2023-04-30-preview

{

"image" {

"content":"<base64>"

}

}

A screenshot of a computer

Description automatically generated

Online tool for image to base64  
<https://base64.guru/converter/encode/image>

A screenshot of a computer

Description automatically generated

### Copy image and paste in Postman – Nature

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

### Copy image and paste in Postman – Bullets

A screenshot of a computer

Description automatically generated

### Postman screenshots

A screenshot of a computer

Description automatically generated