

Installing the Google SDK CLI in the local machine powershell

The image consists of two screenshots illustrating the installation of the Google Cloud CLI (gcloud) on a Windows machine.

Top Screenshot: A Windows PowerShell window is open, showing the execution of the Google Cloud CLI installer. The installer window, titled "Google Cloud CLI Setup", is displayed over the PowerShell window. The installer shows a progress bar for "Downloading Google Cloud CLI core." and a "Show details" button. The PowerShell window shows the following commands and output:

```
PS C:\Users\ismaeel> (New-Object Net.WebClient).DownloadFile('https://cloudsdk.googleapis.com/public/install.ps1', 'GoogleCloudSDKInstaller.exe')
PS C:\Users\ismaeel> .\GoogleCloudSDKInstaller.exe
PS C:\Users\ismaeel> & $env:Temp\GoogleCloudSDKInstaller.exe
```

Bottom Screenshot: A Windows Command Prompt window is open, showing the output of the Google Cloud CLI initialization process. The output includes the following text:

```
Welcome to the Google Cloud CLI! Run "gcloud -h" to get the list of available commands.
---
Welcome! This command will take you through the configuration of gcloud.
Your current configuration has been set to: [default]
You can skip diagnostics next time by using the following flag:
gcloud init --skip-diagnostics
Network diagnostic detects and fixes local network connection issues.
Checking network connection...done.
Reachability Check passed.
Network diagnostic passed (1/1 checks passed).
You must sign in to continue. Would you like to sign in (Y/n)? |
```

Below the screenshots, a numbered list item 4 states: "4. After installation is complete, the installer gives you the option to create Start Menu and Desktop shortcuts, start the Google Cloud CLI shell, and configure the gcloud CLI. Make sure that you leave the options to start the shell and configure your installation selected. The installer starts a terminal window and runs the `gcloud init` command."

Sign in with Google



Google Cloud SDK wants to access your Google Account

 ismail.basheer@msam.christuniversity.in

This will allow **Google Cloud SDK** to:

- See, edit, configure, and delete your Google Cloud data and see the email address for your Google Account. ⓘ
- View and sign in to your Google Cloud SQL instances ⓘ
- View and manage your Google Compute Engine resources ⓘ
- View and manage your applications deployed on Google App Engine ⓘ

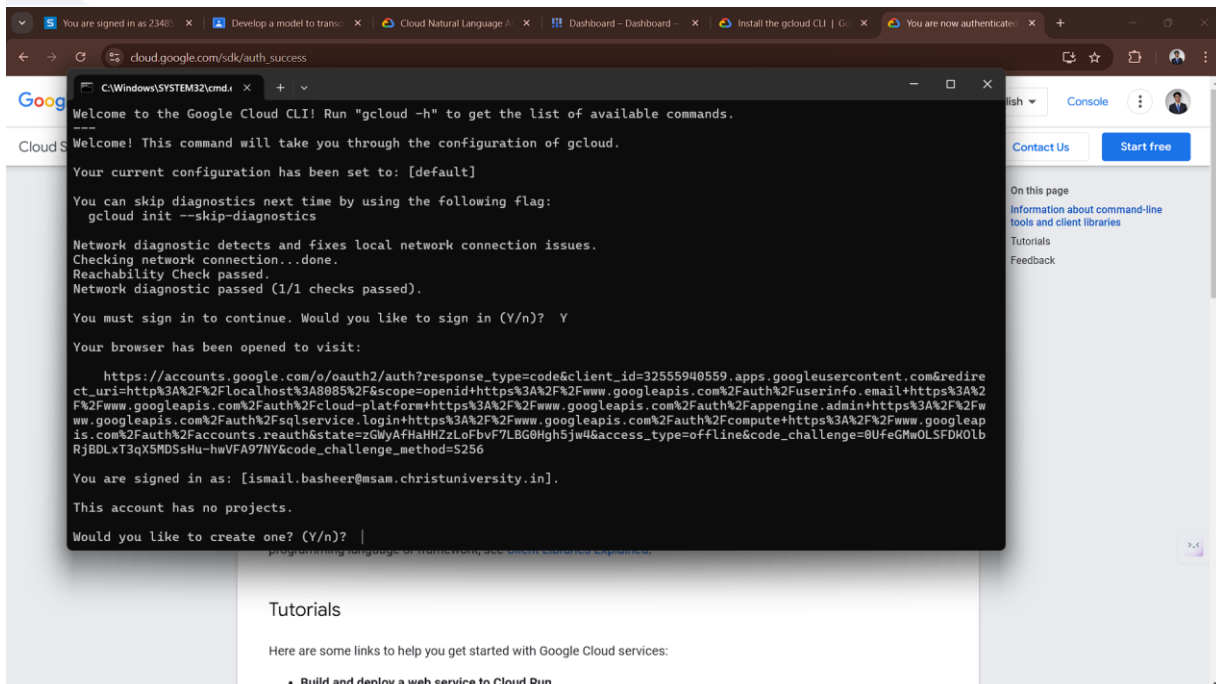
Make sure you trust Google Cloud SDK

You may be sharing sensitive info with this site or app. Learn about how Google Cloud SDK will handle your data by reviewing its terms of service and privacy policies. You can always see or remove access in your [Google Account](#).

[Learn about the risks](#)

Cancel

Allow



The screenshot shows a web browser window with the Google Cloud SDK authentication page. The page title is "cloud.google.com/sdk/auth_success". The browser tabs include "You are signed in as 2348...", "Develop a model to trans...", "Cloud Natural Language A...", "Dashboard - Dashboar...", "Install the gcloud CLI | G...", and "You are now authenticated...".

Overlaid on the browser is a terminal window titled "C:\Windows\SYSTEM32\cmd.exe". The terminal output shows the following commands and responses:

```
Welcome to the Google Cloud CLI! Run "gcloud -h" to get the list of available commands.
---
Welcome! This command will take you through the configuration of gcloud.
Your current configuration has been set to: [default]
You can skip diagnostics next time by using the following flag:
  gcloud init --skip-diagnostics
Network diagnostic detects and fixes local network connection issues.
Checking network connection...done.
Reachability Check passed.
Network diagnostic passed (1/1 checks passed).
You must sign in to continue. Would you like to sign in (Y/n)? Y
Your browser has been opened to visit:
https://accounts.google.com/o/oauth2/auth?response_type=code&client_id=32555940559.apps.googleusercontent.com&redire
ct_uri=http%3A%2F%2Flocalhost%3A8085%2F&scope=openid+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fuserinfo.email+https%3A%2
F%2Fwww.googleapis.com%2Fauth%2Fcloud-platform+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fw
ww.googleapis.com%2Fauth%2Fsqlservice.login+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcompute+https%3A%2F%2Fwww.googleap
is.com%2Fauth%2Faccounts.reauth&state=zGwYAFHaHHZzLoFbvF7LBG8Hgh5jw4&access_type=offline&code_challenge=0UFeGMm0LSFDK0lB
RjBDLxT3qX5MDssHu-hwVFA97NY&code_challenge_method=S256
You are signed in as: [ismail.basheer@msam.christuniversity.in].
This account has no projects.
Would you like to create one? (Y/n)? |
```

The background page shows a "Tutorials" section with the text: "Here are some links to help you get started with Google Cloud services:" followed by a link: "• Build and deploy a web service to Cloud Run."

Start your Free Trial with \$300 in credit. Don't worry—you won't be charged if you run out of credits. [Learn more](#)

Google Cloud My Project 2348521 Search (/) for resources, docs, products, and more

DASHBOARD ACTIVITY RECOMMENDATIONS

Project info

Project name: My Project 2348521
Project number: 283506606190
Project ID: my-project-2348521

[ADD PEOPLE TO THIS PROJECT](#)

[Go to project settings](#)

Resources

- BigQuery: Data warehouse/analytics
- SQL: Managed MySQL, PostgreSQL, SQL Server
- Compute Engine: VMs, GPUs, TPUs, Disks
- Storage: Multi-class multi-region objects
- Cloud Functions: Event-driven serverless functions

APIs

Requests (requests/sec)

No data is available for the selected time range.

[Go to APIs overview](#)

Notifications

- ✓ Create Project: My Project 2348521 Just now [SELECT PROJECT](#)
- ✓ Enable service: visionai.googleapis.com 2348521p1 6 days ago
- ✓ Enable service: dataform.googleapis.com 2348521p1 6 days ago
- ✓ Enable service: compute.googleapis.com 2348521p1 6 days ago
- ✓ Enable service: datacatalog.googleapis.com 2348521p1 6 days ago
- ✓ Enable service: dataplex.googleapis.com 2348521p1 6 days ago
- ✓ Enable service: dataflow.googleapis.com 2348521p1 6 days ago
- ✓ Enable service: notebooks.googleapis.com 2348521p1 6 days ago
- ✓ Enable service: artifactregistry.googleapis.com 2348521p1 6 days ago

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Google Cloud My Project 2348521

Cloud Speech-to-Text API

Google Enterprise API

Speech recognition

[TRY THIS API](#)

OVERVIEW PRICING DOCUMENTATION SUPPORT RELATED PRODUCTS

Overview

Converts audio to text by applying powerful neural network models.

Additional details

Type: [SaaS & APIs](#)
Last product update: 7/22/22
Category: [Machine learning](#) [Google Enterprise APIs](#)
Service name: speech.googleapis.com

Pricing

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FREE TIER 1

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Google Cloud My Project 2348521

Product details



Cloud Storage API

Google Enterprise API

Lets you store and retrieve potentially-large, immutable data objects.

MANAGE

TRY THIS API

API Enabled

OVERVIEW

DOCUMENTATION

RELATED PRODUCTS

Overview

Lets you store and retrieve potentially-large, immutable data objects.

Additional details

Type: SaaS & APIs

Last product update: 4/11/23

Category: Google Enterprise APIs

Service name: storage.googleapis.com

Tutorials and documentation

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Start your Free Trial with \$300 in credit. Don't worry—you won't be charged if you run out of credits. [Learn more](#) DISMISS START FREE

Google Cloud My Project 2348521

IAM & Admin

Create service account

Service account details

2 Grant this service account access to project (optional)

Grant this service account access to My Project 2348521 so that it has permission to complete specific actions on the resources in your project. [Learn more](#)

Select a role

IAM condition (optional)

+ ADD IAM CONDITION

+ ADD ANOTHER ROLE

CONTINUE

3 Grant users access to this service account (optional)

DONE

CANCEL

Service account created

Start your Free Trial with \$300 in credit. Don't worry—you won't be charged if you run out of credits. [Learn more](#)

DISMISS START FREE

Google Cloud My Project 2348521 ser Search

IAM & Admin Create service account

Service account details

Grant this service account access to project (optional)

Grant this service account access to My Project 2348521 so that it has permission to complete specific actions on the resources in your project. [Learn more](#)

Role: Storage Admin IAM condition (optional) + ADD IAM CONDITION

Grants full control of buckets and objects.

+ ADD ANOTHER ROLE

CONTINUE

Grant users access to this service account (optional)

DONE CANCEL

Service account created

Start your Free Trial with \$300 in credit. Don't worry—you won't be charged if you run out of credits. [Learn more](#)

DISMISS START FREE

Google Cloud My Project 2348521 ser Search

IAM & Admin Service accounts + CREATE SERVICE ACCOUNT DELETE MANAGE ACCESS REFRESH LEARN

Service accounts for project "My Project 2348521"

A service account represents a Google Cloud service identity, such as code running on Compute Engine VMs, App Engine apps, or systems running outside Google. [Learn more about service accounts](#)

Organization policies can be used to secure service accounts and block risky service account features, such as automatic IAM Grants, key creation/upload, or the creation of service accounts entirely. [Learn more about service account organization policies](#)

Filter Enter property name or value

<input type="checkbox"/>	Email	Status	Name	Description	Key ID	Key creation date	OAuth 2.0 Client ID	Actions
<input type="checkbox"/>	id-348521@my-project-2348521.iam.gserviceaccount.com	Enabled	2348521	activity	No keys	10491483		

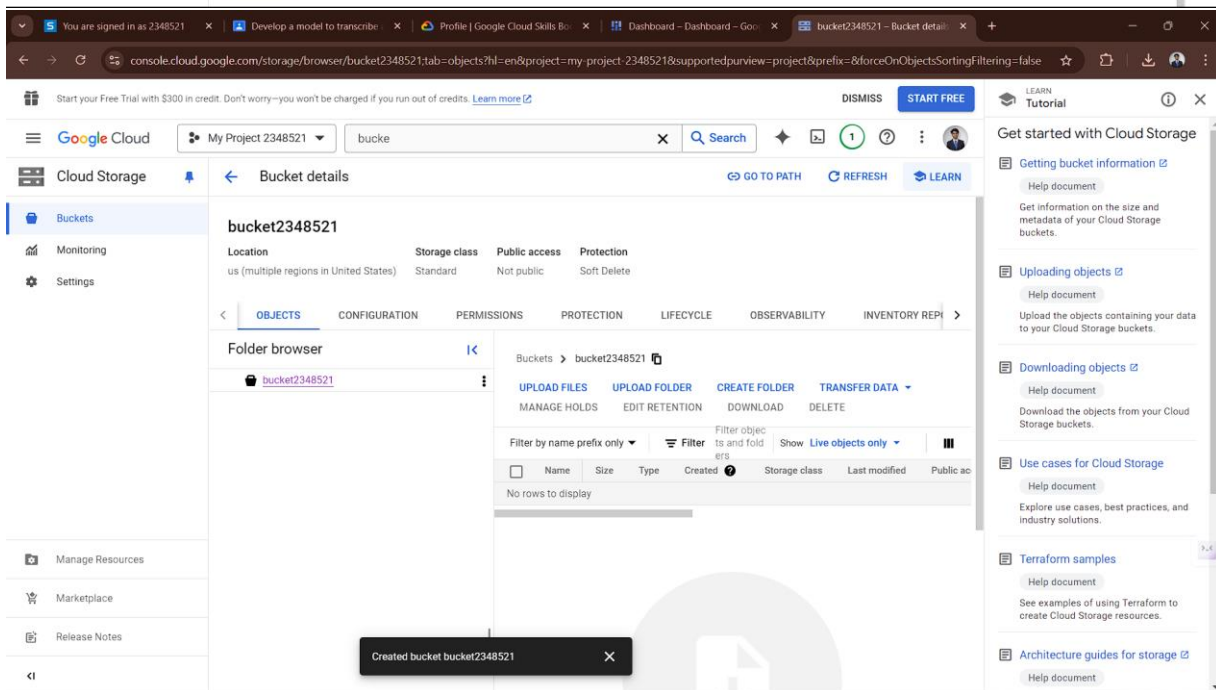
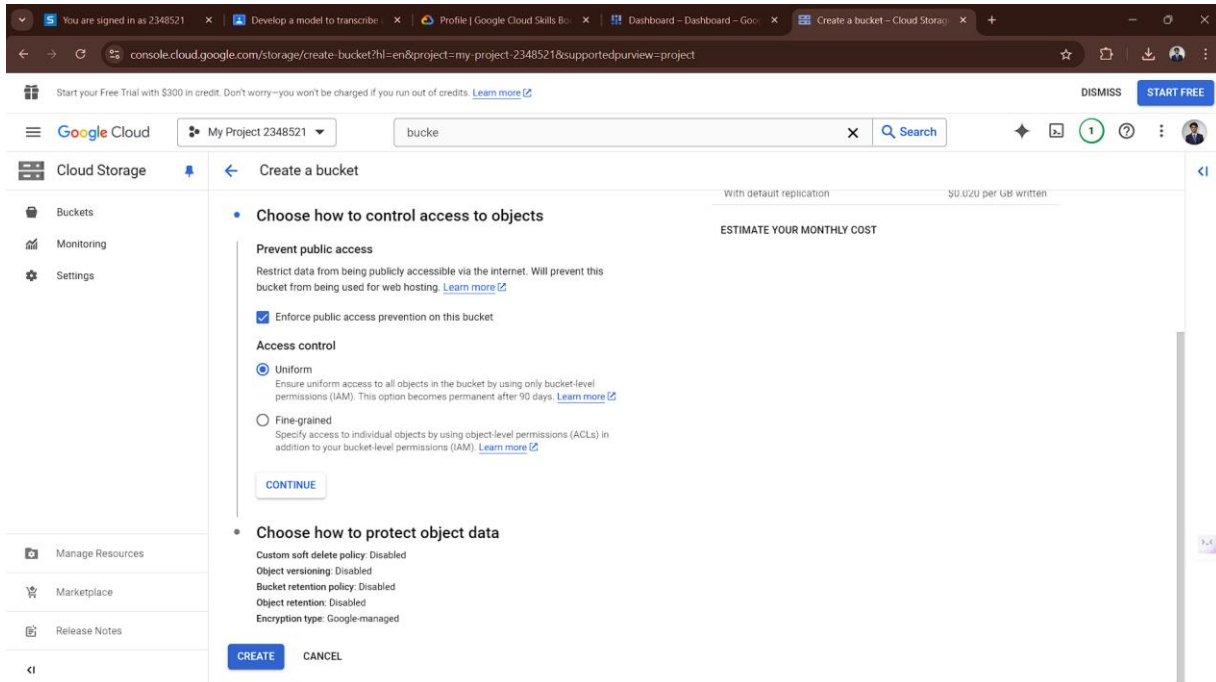
No change - principal already exists on the policy

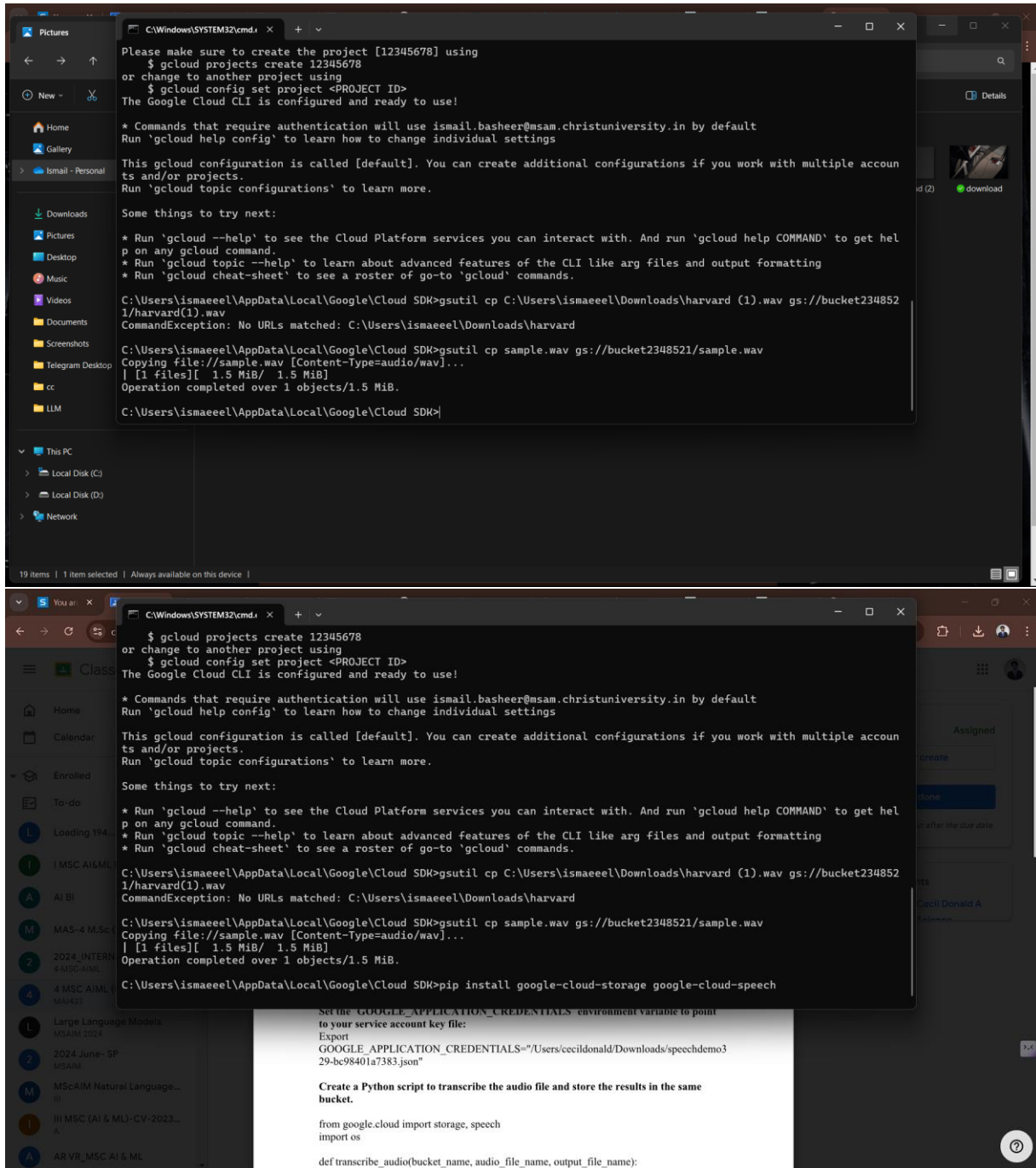
Recommended for you

- Service accounts overview [Help document](#)
IAM service accounts, permissions, and common lifecycle considerations.
- Create service accounts [Help document](#)
Create service accounts using the IAM API, the Google Cloud console, and the gcloud CLI.
- List and edit service accounts [Help document](#)
List and edit service accounts using the IAM API, the Google Cloud console, and the gcloud CLI.
- Disable and enable service accounts [Help document](#)
Disable and enable service accounts using the IAM API, the Google Cloud console, and the gcloud CLI.
- Delete and undelete service accounts [Help document](#)
Delete and undelete service accounts using the IAM API, the Google Cloud console, and the gcloud CLI.

Google Cloud IAM & Admin console for project 2348521. The 'Keys' tab is active, showing a modal dialog titled 'Create private key for "2348521"'. The dialog prompts the user to download a file containing the private key and offers two key types: JSON (recommended) and P12 (for backward compatibility). A 'CANCEL' button is visible at the bottom right of the dialog. A message at the bottom states: 'No change - principal already exists on the policy'.

Google Cloud Cloud Storage console for project 2348521. The 'Buckets' tab is active, displaying two security-related cards: 'Introducing the folder browser and folder permissions (using Managed Folders)' and 'View security recommendations'. The 'Buckets' list table is empty, showing 'No rows to display'. A sidebar on the right provides links to various Cloud Storage resources, including 'Get started with Cloud Storage', 'Host a static website', 'Create transfers', 'Discover object storage with the gcloud tool', 'Use cases for Cloud Storage', 'Terraform samples', and 'Architecture guides for storage'.





Class

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To-do

Loading 194...

I MSC AIGML

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2024_INTER

4 MSC AIGML

4 MSC AIGML

Large Language Models

MSAM 2024

2024 June- SP

MSAM

MSCAIM Natural Language...

III MSC (AI & ML)-CV-2023...

AR VR_MSC AI & ML

C:\Windows\SYSTEM32\cmd.exe

on.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from google-api-core[grpc]!=2.0.*,!=2.1.*,!=2.10.*,!=2.2.*,!=2.3.*,!=2.4.*,!=2.5.*,!=2.6.*,!=2.7.*,!=2.8.*,!=2.9.*,<3.0.dev,>=1.34.1->google-cloud-speech) (1.59.0)
Collecting grpcio-status<2.0.dev0,>=1.33.2 (from google-api-core[grpc]!=2.0.*,!=2.1.*,!=2.10.*,!=2.2.*,!=2.3.*,!=2.4.*,!=2.5.*,!=2.6.*,!=2.7.*,!=2.8.*,!=2.9.*,<3.0.dev,>=1.34.1->google-cloud-speech)
Downloading grpcio_status-1.65.4-py3-none-any.whl.metadata (1.1 kB)
Requirement already satisfied: cachetools<6.0,>=2.0.0 in c:\users\ismaeel\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from google-auth<3.0.dev,>=2.26.1->google-cloud-storage) (5.3.1)
Requirement already satisfied: pyasn1-modules<=0.2.1 in c:\users\ismaeel\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from google-auth<3.0.dev,>=2.26.1->google-cloud-storage) (0.3.0)
Requirement already satisfied: rsa<5,>=3.1.4 in c:\users\ismaeel\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from google-auth<3.0.dev,>=2.26.1->google-cloud-storage) (4.9)
Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\ismaeel\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from requests<3.0.dev,>=2.18.0->google-cloud-storage) (3.3.0)
Requirement already satisfied: idna<4,>=2.5 in c:\users\ismaeel\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from requests<3.0.dev,>=2.18.0->google-cloud-storage) (3.4.0)
Requirement already satisfied: urllib3<3,>=1.21.1 in c:\users\ismaeel\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from requests<3.0.dev,>=2.18.0->google-cloud-storage) (2.0.6)
Requirement already satisfied: certifi<=2017.4.17 in c:\users\ismaeel\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from requests<3.0.dev,>=2.18.0->google-cloud-storage) (2023.7.22)
Collecting protobuf<=4.21.0,!=4.21.1,!=4.21.2,!=4.21.3,!=4.21.4,!=4.21.5,<6.0.dev,>=3.20.2 (from google-cloud-speech)
Using cached protobuf-5.27.3-cp310-abi3-win_amd64.whl.metadata (592 bytes)

Set the GOOGLE_APPLICATION_CREDENTIALS environment variable to point to your service account key file:
Export
GOOGLE_APPLICATION_CREDENTIALS="/Users/cecildonald/Downloads/speechdemo3-29-bc98401a7383.json"

Create a Python script to transcribe the audio file and store the results in the same bucket.

from google.cloud import storage, speech
import os

def transcribe_audio(bucket_name, audio_file_name, output_file_name):

Assigned

Create

Done

is after the due date

its

Cecil Donald A

Follow

C:\Windows\SYSTEM32\cmd.exe

grpcio-status-1.65.4 proto-plus-1.24.0 protobuf-5.27.3
[notice] A new release of pip is available: 24.0 -> 24.2
[notice] To update, run: C:\Users\ismaeel\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.11_qbz5n2kfra8p0\python.exe -m pip install --upgrade pip
C:\Users\ismaeel\AppData\Local\Google\Cloud SDK>GOOGLE_APPLICATION_CREDENTIALS="Users/cecildonald/Downloads/speechdemo3-hdenc3"
'GOOGLE_APPLICATION_CREDENTIALS' is not recognized as an internal or external command, operable program or batch file.
'quot' is not recognized as an internal or external command, operable program or batch file.
C:\Users\ismaeel\AppData\Local\Google\Cloud SDK>GOOGLE_APPLICATION_CREDENTIALS="Users\ismaeel\Downloads\my-project-2348521-7eea6fcfec45.json"
'GOOGLE' is not recognized as an internal or external command, operable program or batch file.
C:\Users\ismaeel\AppData\Local\Google\Cloud SDK>"Users\ismaeel\Downloads\my-project-2348521-7eea6fcfec45.json"
C:\Users\ismaeel\AppData\Local\Google\Cloud SDK>
[main 2024-08-07T03:08:47.816Z] update#setState idle
[main 2024-08-07T03:09:17.829Z] update#setState checking for updates
[main 2024-08-07T03:09:17.925Z] update#setState idle
[main 2024-08-07T03:09:24.697Z] Extension host with pid 20760 exited with code: 0, signal: unknown.
C:\Users\ismaeel\AppData\Local\Google\Cloud SDK>set GOOGLE_APPLICATION_CREDENTIALS="Users\ismaeel\Downloads\my-project-2348521-7eea6fcfec45.json"
C:\Users\ismaeel\AppData\Local\Google\Cloud SDK>
storage_client = storage.Client()
bucket = storage_client.bucket(bucket_name)

audio_blob = bucket.blob(audio_file_name)
audio_blob.download_to_filename("tmp" + audio_file_name)

Assigned

Create

Done

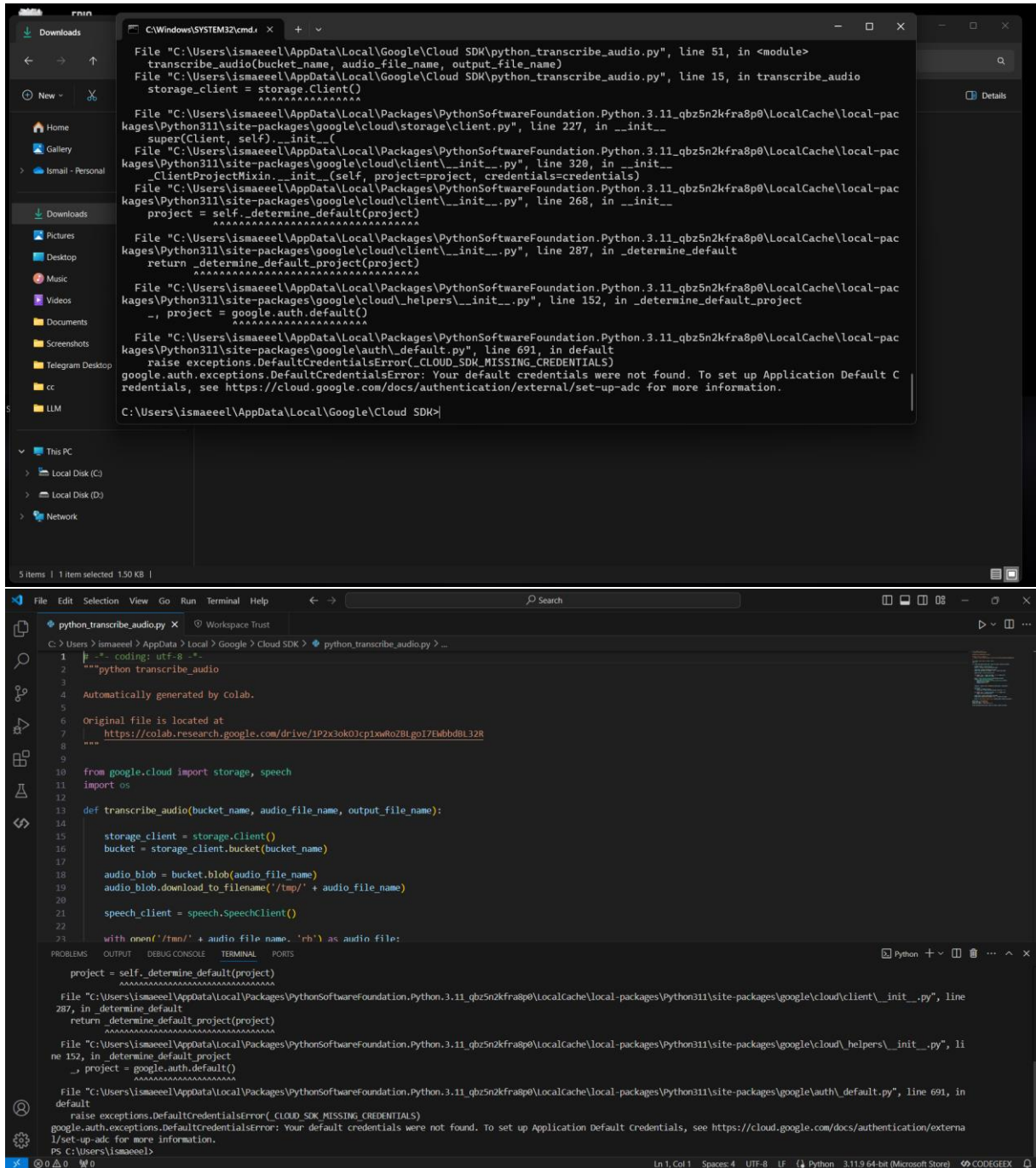
is after the due date

its

Cecil Donald A

Follow

Page 1 / 2



the stale smell of old beer lingers
it takes heat to bring out the odor
a cold dip restores health and zest a salt pickle tastes fine with ham tacos al pastor are my favorite a zestful food is the hot cross bun