

You have 17 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

Project name *
videoanalysislab

Project ID: videoanalysislab. It cannot be changed later. [EDIT](#)

Billing account *
Billing Account for Education

Any charges for this project will be billed to the account you select here.

Organization *
science.christuniversity.in

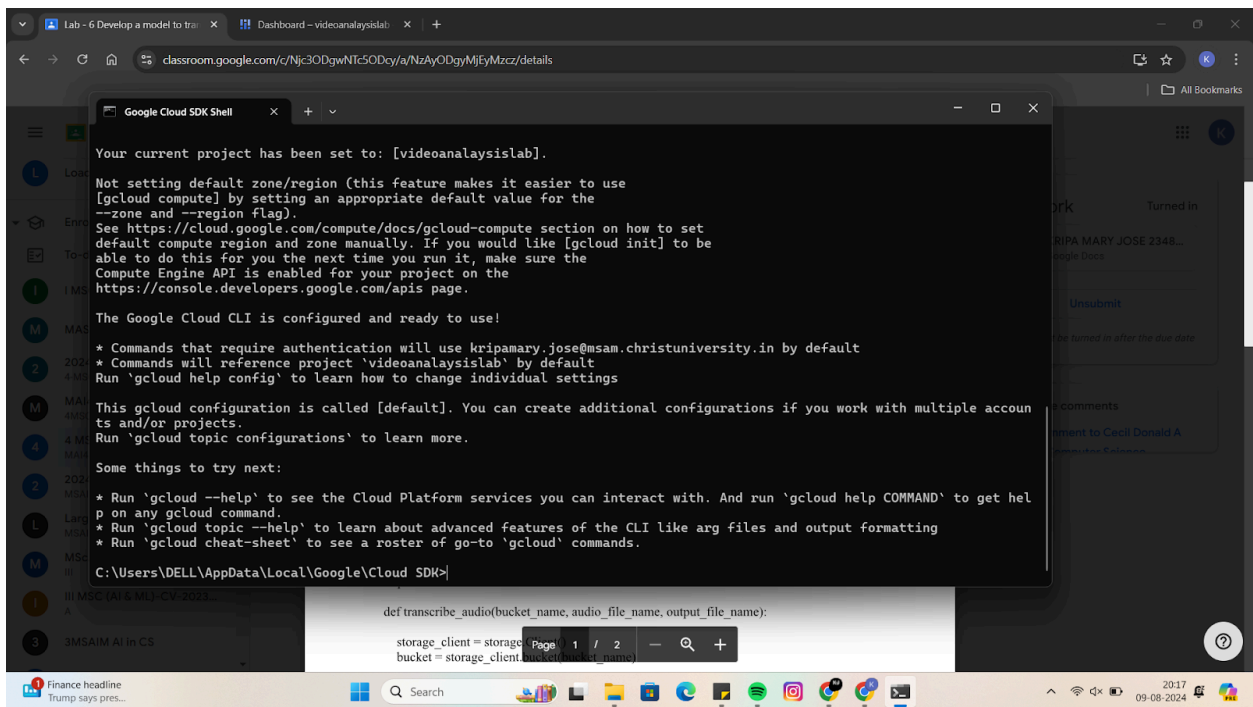
Select an organization to attach it to a project. This selection can't be changed later.

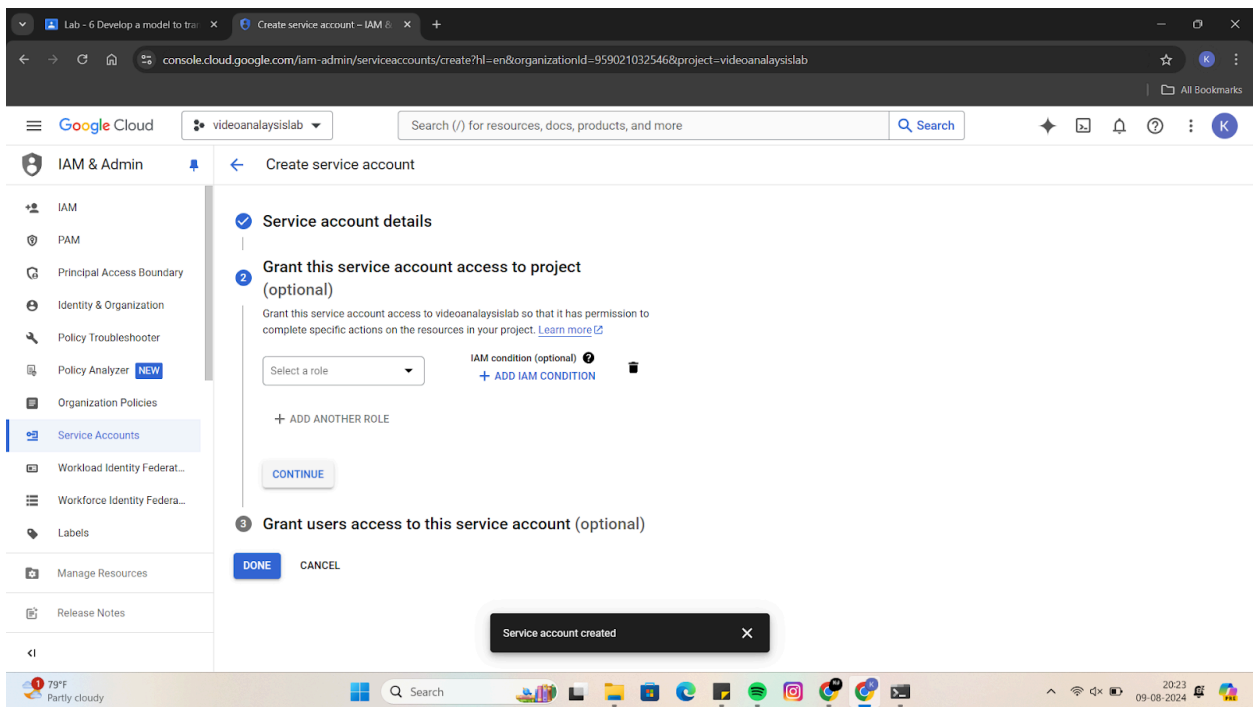
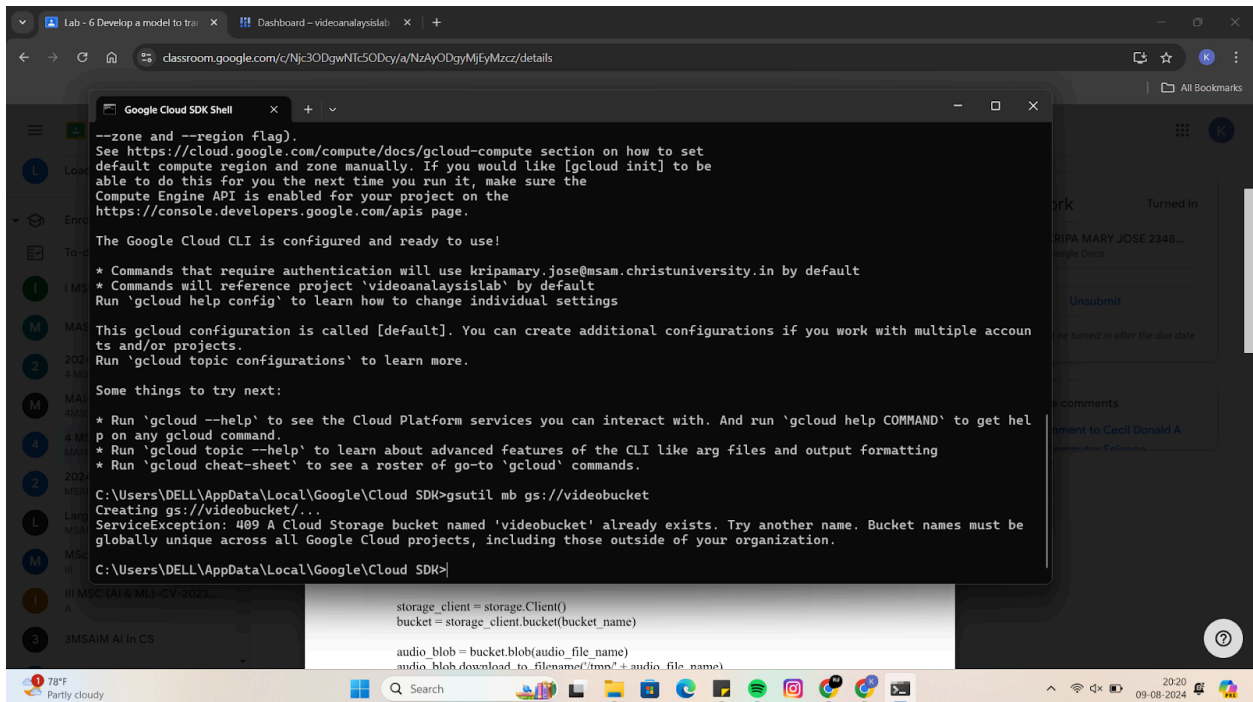
Location *
science.christuniversity.in

[BROWSE](#)

Parent organization or folder

[CREATE](#) [CANCEL](#)





Lab - 6 Develop a model to train | videoservice - IAM & Admin - | +

console.cloud.google.com/iam-admin/serviceaccounts/details/110866955779363031090/keys?hl=en&organizationId=959021032546&project=videoanalysislab

Google Cloud | videoanalysislab | Search (/) for resources, docs, products, and more

IAM & Admin | videoservice

DETAILS | PERMISSIONS | KEYS | METRICS | LOGS

Keys

Service account keys could pose a security risk if compromised. We recommend you avoid downloading service account keys and instead use the [Workload Identity Federation](#). [Learn more about the best way to authenticate service accounts on Google Cloud](#).

videoanalysislab-53523fb69bc7.json allows access to your cloud resources, so store it securely. [Learn more best practices](#)

Private key saved to your computer

Service account created

2023 09-08-2024

Lab - 6 Develop a model to train | API: API/Service Details - APIs & Services | Lab - 7 | +

console.cloud.google.com/apis/api/videointelligence.googleapis.com/metrics?project=videoanalysislab&hl=en

Google Cloud | videoanalysislab | Search (/) for resources, docs, products, and more

APIs & Services | API/Service Details | DISABLE API

Cloud Video Intelligence API

Detects objects, explicit content, and scene changes in videos. It also specifies the region for annotation and transcribes speech to text. Supports both asynchronous API and streaming API.

By Google Enterprise API

Service name: videointelligence.googleapis.com | Type: Public API | Status: Enabled | Documentation: [LEARN MORE](#) | Explore: [TRY IN API EXPLORER](#)

METRICS | QUOTAS & SYSTEM LIMITS | CREDENTIALS | COST

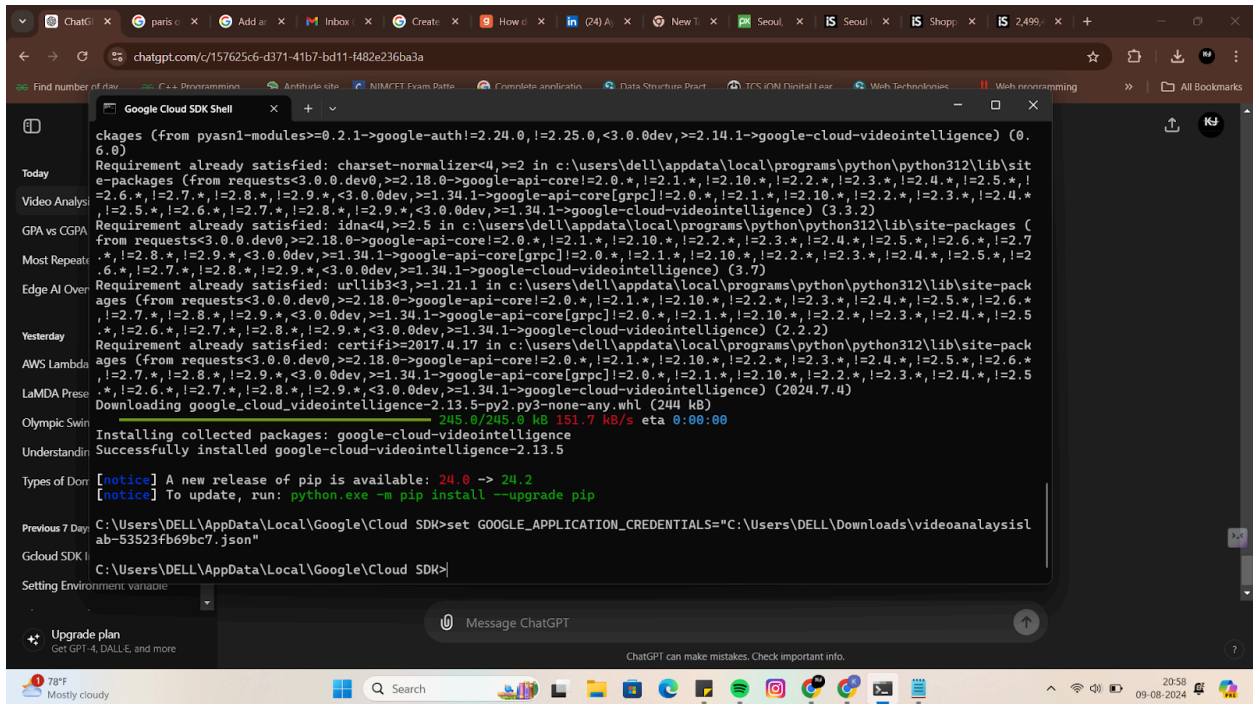
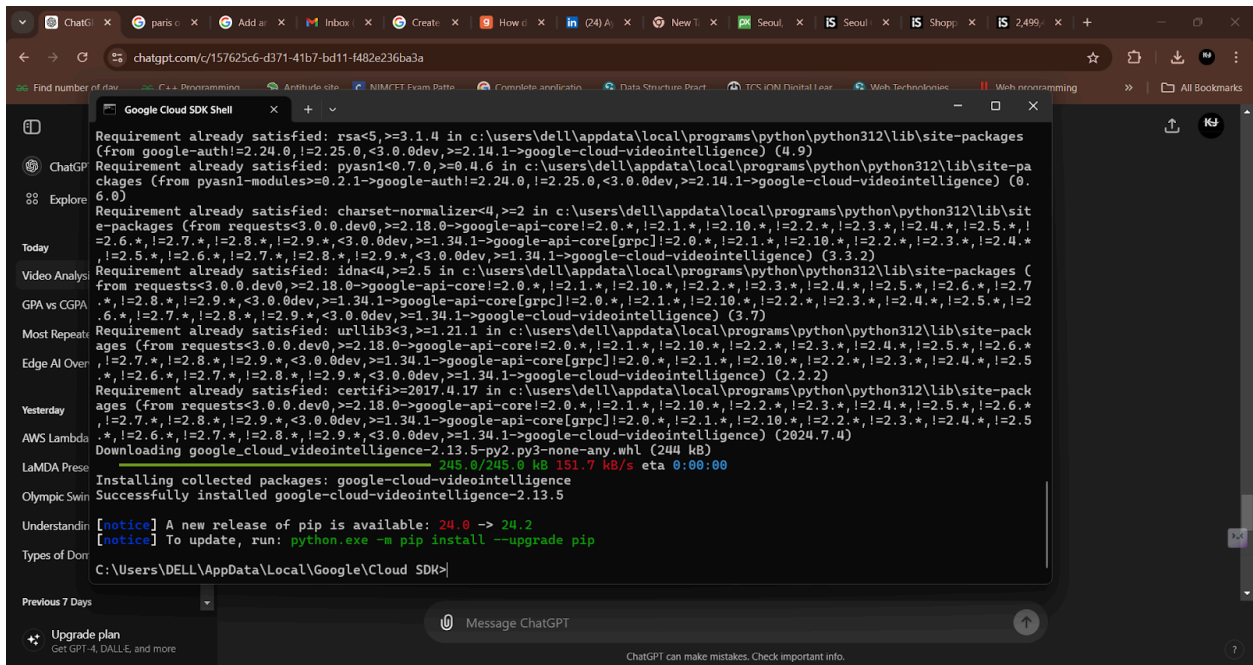
Select Graphs: 4 Graphs | 1 hour | 6 hours | 12 hours | 1 day | 2 days | 4 days | 7 days | 14 days | 30 days

Filters: Versions: v1, v1beta2, v1p1beta1, v... | Credentials: videoservice, Unspecified... | Methods: 13 options selected

Traffic by response code

Service account created

79°F Partly cloudy | 20:35 09-08-2024



ChatGPT x paris x Add ai x Inbox x Create x How to x (24) A x New T x Seoul x IS Seoul x IS Shop x IS 2,499 x +

Find number of day C++ Programming Antidote site NIMCET Exam Date Crondate application Data Structure Pract TCS ION Digital Lear Web Technologies Web programming All Bookmarks

Google Cloud SDK Shell x +

```
e-packages (from requests<3.0.0.dev0,>=2.18.0->google-api-core!=2.0.*,!=2.1.*,!=2.10.*,!=2.2.*,!=2.3.*,!=2.4.*,!=2.5.*,!=2.6.*,!=2.7.*,!=2.8.*,!=2.9.*,<3.0.0dev,>=1.34.1->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.*,<3.0.0dev,>=1.34.1->google-cloud-videointelligence) (3.3.2)
Requirement already satisfied: idna<4,>=2.5 in c:\users\de\l\appdata\local\programs\python\python312\lib\site-packages (from requests<3.0.0.dev0,>=2.18.0->google-api-core!=2.0.*,!=2.1.*,!=2.10.*,!=2.2.*,!=2.3.*,!=2.4.*,!=2.5.*,!=2.6.*,!=2.7.*,!=2.8.*,!=2.9.*,<3.0.0dev,>=1.34.1->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.*,<3.0.0dev,>=1.34.1->google-cloud-videointelligence) (3.7)
Requirement already satisfied: urllib3<3,>=1.21.1 in c:\users\de\l\appdata\local\programs\python\python312\lib\site-packages (from requests<3.0.0.dev0,>=2.18.0->google-api-core!=2.0.*,!=2.1.*,!=2.10.*,!=2.2.*,!=2.3.*,!=2.4.*,!=2.5.*,!=2.6.*,!=2.7.*,!=2.8.*,!=2.9.*,<3.0.0dev,>=1.34.1->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.*,<3.0.0dev,>=1.34.1->google-cloud-videointelligence) (2.2.2)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\de\l\appdata\local\programs\python\python312\lib\site-packages (from requests<3.0.0.dev0,>=2.18.0->google-api-core!=2.0.*,!=2.1.*,!=2.10.*,!=2.2.*,!=2.3.*,!=2.4.*,!=2.5.*,!=2.6.*,!=2.7.*,!=2.8.*,!=2.9.*,<3.0.0dev,>=1.34.1->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.*,<3.0.0dev,>=1.34.1->google-cloud-videointelligence) (2024.7.4)
Downloading google_cloud_videointelligence-2.13.5-py2.py3-none-any.whl (244 kB)
245.0/245.0 kB 151.7 kB/s eta 0:00:00
Installing collected packages: google-cloud-videointelligence
Successfully installed google-cloud-videointelligence-2.13.5

[notice] A new release of pip is available: 24.0 -> 24.2
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\DELL\AppData\Local\Google\Cloud SDK>set GOOGLE_APPLICATION_CREDENTIALS="C:\Users\DELL\Downloads\videoanalysislab-53523fb69bc7.json"

C:\Users\DELL\AppData\Local\Google\Cloud SDK>echo %GOOGLE_APPLICATION_CREDENTIALS%
"C:\Users\DELL\Downloads\videoanalysislab-53523fb69bc7.json"

C:\Users\DELL\AppData\Local\Google\Cloud SDK>

Setting Environment variable
```

Upgrade plan
Get GPT-4, DALL·E, and more

Message ChatGPT

Search

ChatGPT can make mistakes. Check important info.

78°F Mostly cloudy

Search

20:59 09-08-2024

Google Cloud SDK Shell - gsu

```
[notice] A new release of pip is available: 24.0 -> 24.2
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\DELL\AppData\Local\Google\Cloud SDK>set GOOGLE_APPLICATION_CREDENTIALS="C:\Users\DELL\Downloads\videoanalysis\lab-53523fb69bc7.json"
C:\Users\DELL\AppData\Local\Google\Cloud SDK>echo %GOOGLE_APPLICATION_CREDENTIALS%
"C:\Users\DELL\Downloads\videoanalysis\lab-53523fb69bc7.json"

C:\Users\DELL\AppData\Local\Google\Cloud SDK>gsutil cp C:\Users\DELL\Downloads\video.mp4 gs://videobucket/video.mp4
AccessDeniedException: 403 kripamary.jose@msam.christuniversity.in does not have storage.objects.list access to the Google Cloud Storage bucket. Permission 'storage.objects.list' denied on resource (or it may not exist).

C:\Users\DELL\AppData\Local\Google\Cloud SDK>gsutil mb gs://videobucket
Creating gs://videobucket/...
ServiceException: 409 A Cloud Storage bucket named 'videobucket' already exists. Try another name. Bucket names must be globally unique across all Google Cloud projects, including those outside of your organization.

C:\Users\DELL\AppData\Local\Google\Cloud SDK>gsutil mb gs://videobucket123
Creating gs://videobucket123/...
ServiceException: 409 A Cloud Storage bucket named 'videobucket123' already exists. Try another name. Bucket names must be globally unique across all Google Cloud projects, including those outside of your organization.

C:\Users\DELL\AppData\Local\Google\Cloud SDK>gsutil mb gs://videobucket98
Creating gs://videobucket98/...
```

Release Notes

No rows to display

78°F Mostly cloudy

Jupyter Untitled Last Checkpoint: 16 minutes ago

```
features = [videointelligence.Feature.LABEL_DETECTION]
operation = video_client.annotate_video(
    request={"features": features, "input_uri": gcs_uri}
)

print("Processing video for label detection...")
result = operation.result(timeout=90)
print("Finished processing.")

annotation_results = result.annotation_results[0]

for label in annotation_results.segment_label_annotations:
    print(f"Label: {label.entity.description}")
    for category in label.category_entities:
        print(f"Category: {category.description}")

gcs_uri = "gs://videobuc/video.mp4"
analyze_labels_in_video(gcs_uri)

Processing video for label detection...
Finished processing.
Label: public space
- Category: city
Label: retail
- Category: building
Label: shopping
- Category: service
- Category: event
- Category: business
```

Athletics Final result