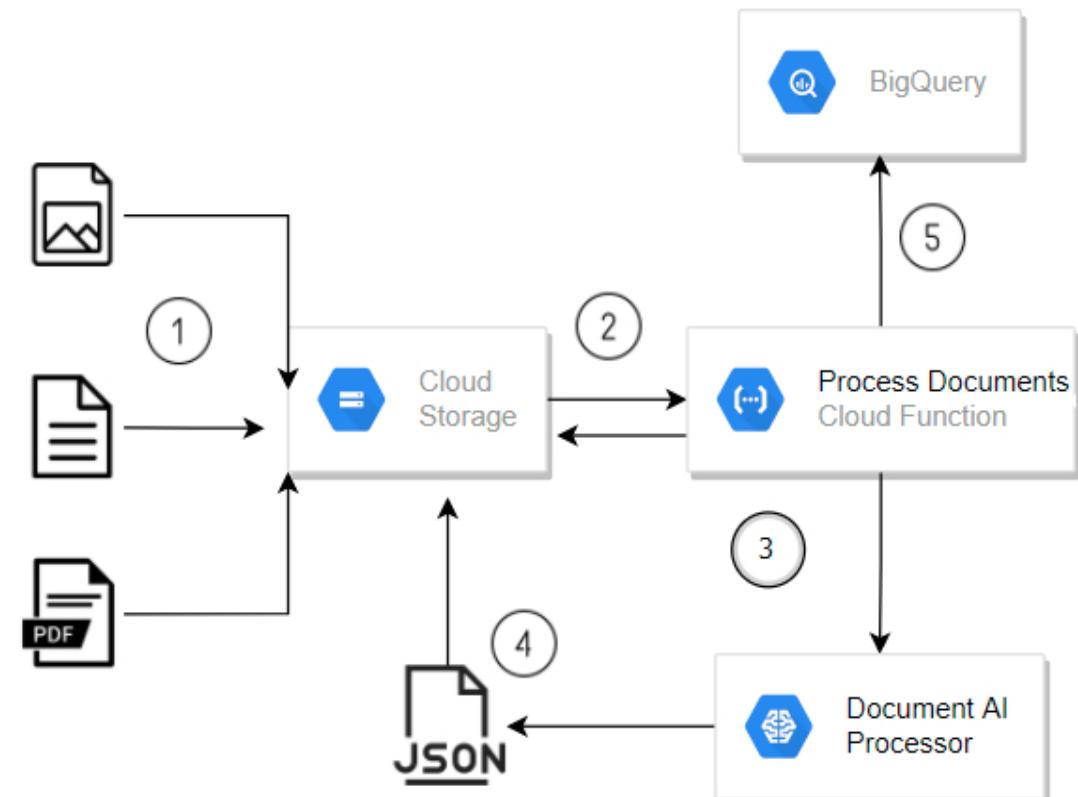


Automate Data Capture at Scale with Document AI Challenge Lab

GSP367

Google Cloud Self-Paced Labs

- In this challenge lab, you'll apply previously learned Google Cloud skills to complete tasks without step-by-step guidance, supported by an automated scoring system.
- No new concepts are introduced; instead, you'll demonstrate problem-solving by configuring and debugging independently to achieve a perfect score.
- As a data engineer, you're tasked with designing a document automation pipeline for the company's financial department using Google Cloud.
- You'll deploy a Cloud Run function that triggers on document uploads in Cloud Storage, processes them with Document AI, and stores extracted data in BigQuery.
- All required source code is provided — your goal is to correctly configure and deploy the complete pipeline architecture within the time limit.





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[Home](#) > [Automate Data Capture at Scale with Document AI](#) > [Automate Data Capture at Scale with Document AI: Challenge Lab](#)

Contents

Automate Data Capture at Scale with Document AI: ≡

Dashboard

Catalog

Paths

Collections

02:13:48
End Lab
Time limit

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[Learn more.](#)

[Open Google Cloud console](#)

Username

student-02-f1508a1d6fa46



Password

xITmluSDvwpc



Project ID

qwiklabs-gcp-00-e5aa453c



Task 1. Enable the Cloud Document AI API and copy lab source files.

In this task, you enable the Cloud Document AI API and copy your starter files into Cloud Shell.

Enable the Cloud Document AI API

- Enable the Cloud Document AI API.

[Enable Cloud Document AI API](#)[Check my progress](#)

Lab instructions and tasks

0/100

GSP367

Overview

Challenge scenario

Task 1. Enable the Cloud Document AI API and copy lab source files.

Task 2. Create a form processor

Task 3. Create Google Cloud resources

Task 4. Deploy the document processing Cloud Run functions

[Previous](#)[Next](#)

Dashboard – qwiklabs-gcp-00-e5aa45338386 x +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-00-e5aa45338386&pli=1&cloudshell=true

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Welcome to Cloud Shell! Type "help" to get started, or type "gemini" to try prompting with Gemini CLI.
Your Cloud Platform project in this session is set to **qwiklabs-gcp-00-e5aa45338386**.
Use `gcloud config set project [PROJECT_ID]` to change to a different project.

```
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$ export PROJECT_ID=qwiklabs-gcp-00-e5aa45338386
export REGION=us-west1

gcloud services enable documentai.googleapis.com
gcloud services enable cloudfunctions.googleapis.com
gcloud services enable cloudbuild.googleapis.com
gcloud services enable eventarc.googleapis.com
gcloud services enable run.googleapis.com
Operation "operations/acat.p2-899172749594-e776d678-743c-471a-9e28-1c6ea2ed42c2" finished successfully.
Operation "operations/acf.p2-899172749594-00f66ba0-6894-41ac-a3c6-b7c071dc7562" finished successfully.
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$
```

7 22°C Sunny

Search

ENG IN 02:57 PM 12-12-2025



Contents

Automate Data Capture at Scale with Document AI: ☰

Dashboard

Catalog

Paths

Collections

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Username

student-02-f1508a1d6fa46



Password

xITmluSDvwpc



Project ID

qwiklabs-gcp-00-e5aa453c



Region

us-west1



Copy the lab source files into your Cloud Shell

The Cloud Run functions with predefined code is hosted on a remote Cloud Storage bucket. Copy these source files into your Cloud Shell. These files include the source code for the Cloud Run functions and the schema for the BigQuery table that you will create in the lab.

- In Cloud Shell, enter the following command to clone the source repository for the lab:

```
mkdir ./document-ai-challenge  
gsutil -m cp -r gs://splis/gsp367/* \  
~/document-ai-challenge/
```

Task 2. Create a form processor

20/100

Lab instructions and tasks

GSP367

Overview

Challenge scenario

Task 1. Enable the Cloud Document AI API and copy lab source files.

Task 2. Create a form processor

Task 3. Create Google Cloud resources

Task 4. Deploy the document processing Cloud Run functions

[Previous](#)[Next](#)

Dashboard - qwiklabs-gcp-00-e5aa45338386 x +

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Your Cloud Platform project in this session is set to **qwiklabs-gcp-00-e5aa45338386**.
Use `gcloud config set project [PROJECT_ID]` to change to a different project.

```
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$ export PROJECT_ID=qwiklabs-gcp-00-e5aa45338386
export REGION=us-west1

gcloud services enable documentai.googleapis.com
gcloud services enable cloudfunctions.googleapis.com
gcloud services enable cloudbuild.googleapis.com
gcloud services enable eventarc.googleapis.com

gcloud services enable run.googleapis.com
Operation "operations/acat.p2-899172749594-e776d678-743c-471a-9e28-1c6ea2ed42c2" finished successfully.
Operation "operations/acf.p2-899172749594-00f66ba0-6894-41ac-a3c6-b7c071dc7562" finished successfully.
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$ mkdir ./document-ai-challenge
gsutil -m cp -r gs://spl$ gsp367/* \
~/document-ai-challenge/
Copying gs://spl$ gsp367/invoices/281-en-invoice-commercial-ty.pdf...
Copying gs://spl$ gsp367/invoices/279-en-invoice-commercial-ty.pdf...
Copying gs://spl$ gsp367/invoices/283-en-invoice-commercial-ty.pdf...
Copying gs://spl$ gsp367/scripts/cloud-functions/process-invoices/requirements.txt...
Copying gs://spl$ gsp367/scripts/cloud-functions/process-invoices/main.py...
Copying gs://spl$ gsp367/scripts/table-schema/doc_ai_extracted_entities.json...
Copying gs://spl$ gsp367/scripts/cloud-functions/process-invoices/.env.yaml...
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$
```

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Username
student-02-f1508a1d6fa46

Password
xITmluSDvwpc

Project ID
qwiklabs-gcp-00-e5aa453c

Region
us-west1

Task 2. Create a form processor

Create an instance of the general form processor using the Document AI **Form Parser** processor in the **General** (non-specialized) section. The general form processor will process any type of document and extract all the text content it can identify in the document as well as form information that it infers from the layout.

- Create the processor using the following configuration details:

Property	Value
Processor Type	Form Parser
Processor Name	accounts-processor
Region	US

Note: You will configure a Cloud Run function later in this lab with the PROCESSOR.

GSP367
Overview
Challenge scenario
Task 1. Enable the Cloud Document AI API and copy lab source files.
Task 2. Create a form processor
Task 3. Create Google Cloud resources
Task 4. Deploy the document processing Cloud Run functions

< Previous

Next >

Dashboard – qwiklabs-gcp-00-e5aa45338386 – Google

https://console.cloud.google.com/welcome?project=qwiklabs-gcp-00-e5aa45338386

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Google Cloud Project: qwiklabs-gcp-00-e5aa45338386

Welcome

You're working in **qwiklabs-gcp-00-e5aa45338386**

Project number: 899172749594

Dashboard Cloud Hub New

+ Create a VM + Run a query in BigQuery + Create a storage bucket

Quick access

API APIs & Services IAM & Admin Billing Compute Engine

Document AI

generative ai document summarization

X Search

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- Cloud Document AI API Marketplace · Service to parse structured information from unstructured or semi-structured...

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Documentation & tutorials

- Document AI Documentation · Document AI helps developers create high-accuracy processors to extract,...
- Document AI documentation

https://console.cloud.google.com/ai/document-ai?referrer=search&project=qwiklabs-gcp-00-e5aa45338386

Dashboard – qwiklabs-gcp-00-e5aa45338386 Processor gallery – Document AI + https://console.cloud.google.com/ai/document-ai/processor-library?project=qwiklabs-gcp-00-e5aa45338386 | 7 2 3

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Google Cloud qwiklabs-gcp-00-e5aa45338386 Document Ai X Search

Document AI / Processor gallery

Overview Overview

Processors My processors

Processor gallery

Custom Processors Capacity Reservation

Processor gallery

Document AI / Processor gallery

Processor gallery

Search processors

Ready to use out-of-the-box processors for general document goals.

Features

Trainable 9

Type

General 3

Specialized 12

Access status

Public 17

Private 2

Specialized

Schematized processors for domain-specific documents.

Region

eu 18

Bank Statement Parser Extract from Bank Statements

Expense Parser Extracts from Receipts, including

Identity Document Proofing Predict the validity of ID documents

22°C Sunny

Search

ENG IN 03:00 PM 12-12-2025

Dashboard – qwiklabs-gcp-00-e5aa453... accounts-processor – Document +

https://console.cloud.google.com/ai/document-ai/locations/us/processors/52a34745f0dafc87/details?project=qwiklabs-gcp-00-e5aa453... | 7

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Google Cloud qwiklabs-gcp-00-e5aa45338386 Document Ai X Search

Document AI / Processors / Processor: 52a34745f0dafc87

Overview Overview Processors My processors Processor gallery Custom Processors Capacity Reservation

accounts-processor Disable processor Activity Get Code Learn

Processor details Manage versions

Basic information

Name	accounts-processor
ID	52a34745f0dafc87
Status	Enabled
Processor Type	Form Parser
Created	Dec 12, 2025, 3:01:20 PM
Encryption Type	Google-managed
Region	us

Prediction

Prediction endpoint ? https://us-documentai.googleapis.com/v1/projects/899172749594/locations/us/processors/52a34745f0dafc87:process

Test your processor

Supports JPEG, JPG, PNG, BMP, PDF, TIFF, TIF, GIF (15 pages, 20MB max)

Upload test document

Processor created successfully X

22°C Sunny ENG IN 03:01 PM 12-12-2025



02:08:03

Time limit

Automate Data Capture at Scale with Document AI: ≡

Task 3. Create Google Cloud resources

Prepare your environment by creating the Google Cloud Storage and BigQuery resources that are required for your document processing pipeline.

Create input, output, and archive Cloud Storage buckets

- In this step, you must create the three Cloud Storage buckets listed below with uniform bucket level access enabled.

Bucket Name	Purpose	Storage class	Location
qwiklabs-gcp-00-e5aa45338386-input-invoices	For input invoices	Standard	us-west1
qwiklabs-gcp-00-e5aa45338386-output-invoices	For storing processed data	Standard	us-west1
qwiklabs-gcp-00-e5aa45338386-archived-invoices	For archiving invoices	Standard	us-west1

< PreviousNext >

Dashboard – qwiklabs-gcp-00-e5aa45338386 x Buckets – Cloud Storage – qwiklabs-gcp-00-e5aa45338386 +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-00-e5aa45338386&pli=1&cloudshell=true | 3

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CLOUD SHELL Terminal (qwiklabs-gcp-00-e5aa45338386) + Open Editor | ☰ ⚙️ 📺 🖥️ ⋮ - ⬆️ ⬇️ ⬕ ⬖️ ✎

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#) Don't show again Dismiss

```
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$ gsutil mb -c standard -l $REGION -b on gs://qwiklabs-gcp-00-e5aa45338386-input-invoices  
Creating gs://qwiklabs-gcp-00-e5aa45338386-input-invoices/...  
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$ gsutil mb -c standard -l $REGION -b on gs://qwiklabs-gcp-00-e5aa45338386-output-invoices  
Creating gs://qwiklabs-gcp-00-e5aa45338386-output-invoices/...  
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$ gsutil mb -c standard -l $REGION -b on gs://qwiklabs-gcp-00-e5aa45338386-archived-invoices  
Creating gs://qwiklabs-gcp-00-e5aa45338386-archived-invoices/...  
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$
```

7 22°C Sunny

Search

03:06 PM 12-12-2025 ENG IN

Dashboard – qwiklabs-gcp-00-e5aa45338386 Buckets – Cloud Storage – qwiklab

https://console.cloud.google.com/storage/browser?project=qwiklabs-gcp-00-e5aa45338386&prefix=&forceOnBucketsSortingFiltering=true | 7

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Google Cloud Project: qwiklabs-gcp-00-e5aa45338386 Search (/) for resources, docs, products, and more Search

Cloud Storage Bucket Overview Buckets + Create Refresh Filter Filter buckets View options

Name	Created	Location type	Location	Default storage class	Last modified	Public ac
qwiklabs-gcp-00-e5aa45338386-archi...	Dec 12, 2025, 3:05:40 PM	Region	us-west1	Standard	Dec 12, 2025, 3:05:40 PM	Not publi...
qwiklabs-gcp-00-e5aa45338386-input...	Dec 12, 2025, 3:04:04 PM	Region	us-west1	Standard	Dec 12, 2025, 3:04:04 PM	Not publi...
qwiklabs-gcp-00-e5aa45338386-outp...	Dec 12, 2025, 3:05:09 PM	Region	us-west1	Standard	Dec 12, 2025, 3:05:09 PM	Not publi...

Buckets Monitoring Settings Storage Intelligence Insights datasets Configuration Marketplace Release Notes

7 22°C Sunny Search

ENG IN 03:06 PM 12-12-2025

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https://partner.skills.google/course_templates/674/labs/605628

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Automate Data Capture at Scale with Document AI > Automate Data Capture at Scale with Document AI: Challenge Lab

Contents

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Open Google Cloud console

Username: student-02-f1508a1d6fa40c [copy]

Password: xITmluSDvwpc [copy]

Project ID: qwiklabs-gcp-00-e5aa453c [copy]

Region: US

Create a BigQuery dataset and tables

In this step, you must create a BigQuery dataset and the output table required for your data processing pipeline.

Dataset

Dataset Name	Location
invoice_parser_results	US

Note: Use `bq mk` to create BigQuery resources. The command line switch parameter `-d` is used to create a dataset and `--location` is used to set the location of the resource. Read the [Create datasets guide](#) for more information about creating datasets using the `bq` command-line tool.

Table

◀ Previous Next ▶

Air: Very poor Now

Search

03:13 PM 12-12-2025

60/100 Overview Challenge scenario Task 1. Enable the Cloud Document AI API and copy lab source files. Task 2. Create a form processor Task 3. Create Google Cloud resources Task 4. Deploy the document processing Cloud Run functions Task 5. Test and validate the end-to-end solution

01:56:16
🕒 Time limit

Contents

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Password
xITmluSDvwpc

Project ID
qwiklabs-gcp-00-e5aa453c

Note: Use `bq mk` to create BigQuery resources. The command line switch parameter `-d` is used to create a dataset and `--location` is used to set the location of the resource. Read the [Create datasets guide](#) for more information about creating datasets using the `bq` command-line tool.

Table

The table schema for the extracted information has been provided for you in the JSON file `document-ai-challenge/scripts/table-schema/doc_ai_extracted_entities.json`. Use this schema to create a table named `doc_ai_extracted_entities` in the `invoice_parser_results` dataset.

Note: Use `bq mk` to create BigQuery resources. The command line switch `--table` is used to create a table. For more information about creating tables with a schema definition using the `bq` command-line tool, read the [Create and use tables guide](#).

You can navigate to BigQuery in the Cloud Console and inspect the schema of tables in the `invoice_parser_results` dataset using BigQuery SQL workspace.

[Previous](#)[Next](#)

Overview

Challenge scenario

Task 1. Enable the Cloud Document AI API and copy lab source files.

Task 2. Create a form processor

Task 3. Create Google Cloud resources

Task 4. Deploy the document processing Cloud Run functions

Task 5. Test and validate the end-to-end solution

Dashboard – qwiklabs-gcp-00-e5aa45338386 x Buckets – Cloud Storage – qwiklabs-gcp-00-e5aa45338386 +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-00-e5aa45338386&pli=1&cloudshell=true | 3

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```
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$ bq --location="US" mk -d $PROJECT_ID:invoice_parser_results
Dataset 'qwiklabs-gcp-00-e5aa45338386:invoice_parser_results' successfully created.
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$
student_02_f1508a1d6fa4@cloudshell:~ (qwiklabs-gcp-00-e5aa45338386)$ cd ~/document-ai-challenge/scripts/table-schema/
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts/table-schema (qwiklabs-gcp-00-e5aa45338386)$
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts/table-schema (qwiklabs-gcp-00-e5aa45338386)$ ls
doc_ai_extracted_entities.json
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts/table-schema (qwiklabs-gcp-00-e5aa45338386)$ bq mk --table invoice_parser_results.doc_ai_extracted_entities doc_ai_extracted_entities.json
Table 'qwiklabs-gcp-00-e5aa45338386:invoice_parser_results.doc_ai_extracted_entities' successfully created.
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts/table-schema (qwiklabs-gcp-00-e5aa45338386)$
```

Air: Very poor Now

Search

03:14 PM 12-12-2025 ENG IN

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https://console.cloud.google.com/bigquery?project=qwiklabs-gcp-00-e5aa45338386&ws=!1m5!1m4!4m3!1sqwiklabs-gcp-00-e5aa45338386

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untitled...ery doc_ai_...ies

qwiklabs-gcp-00-e5aa45338386 / Datasets / invoice_parser_results / Tables / doc_ai_extracted_entities

doc_ai_extract... Query Open in Share Copy Snapshot Delete Export Refresh

Schema Details Preview Table Explorer Preview Insights Lineage Data Profile Data Quality

Filter Enter property name or value

Field name	Type	Mode	Description	Key	Collation	Default Value	Policy Tags	Data Policy
input_file_name	STRING	NULLABLE	-	-	-	-	-	-
date	STRING	NULLABLE	-	-	-	-	-	-
waybill_number	STRING	NULLABLE	-	-	-	-	-	-
phone_number	STRING	NULLABLE	-	-	-	-	-	-
total_amount	STRING	NULLABLE	-	-	-	-	-	-

Edit schema View row access policies

Job history Show

Trending videos The Hunger Ga...

Search

03:14 PM 12-12-2025 ENG IN



Contents

Automate Data Capture at Scale with Document AI:

01:54:20
 Time limit

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[Open Google Cloud console](#)

Username
student-02-f1508a1d6fa40

Password
xITmluSDvwpc

Project ID
qwiklabs-gcp-00-e5aa453c

Region

Task 4. Deploy the document processing Cloud Run functions

To complete this task, you must deploy the Cloud Run functions that your data processing pipeline uses to process invoices uploaded to Cloud Storage. This function will use a Document AI API Generic Form processor to extract form data from the raw documents.

You can examine the source code of the Cloud Run functions using the Code Editor or any other editor of your choice. The Cloud Run functions is stored in the following folders in Cloud Shell:

- Process Invoices - scripts/cloud-functions/process-invoices

The Cloud Run functions, `process-invoices`, must be triggered when files are uploaded to the input files storage bucket you created earlier.

Deploy the Cloud Run functions to process

Overview

Challenge scenario

Task 1. Enable the Cloud Document AI API and copy lab source files.

Task 2. Create a form processor

Task 3. Create Google Cloud resources

Task 4. Deploy the document processing Cloud Run functions

Task 5. Test and validate the end-to-end solution

60/100

[Previous](#)[Next](#)

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Username

student-02-f1508a1d6fa40



Password

xITmluSDvwpc



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Region

Deploy a Cloud Run functions that uses a Document AI form processor to parse form documents that have been uploaded to a Cloud Storage bucket.

1. Navigate to `scripts` directory:

```
cd ~/document-ai-challenge/scripts
```

2. Assign the Artifact Registry Reader role to the Compute Engine service account:

```
PROJECT_ID=$(gcloud config get-value project)
PROJECT_NUMBER=$(gcloud projects list --
filter="project_id:$PROJECT_ID" --format='value(project_number)')

SERVICE_ACCOUNT=$(gcloud storage service-agent --
project=$PROJECT_ID)

gcloud projects add-iam-policy-binding $PROJECT_ID \
--member_serviceAccount:$SERVICE_ACCOUNT \
--role roles/storage.objectViewer
```

Overview

Challenge scenario

Task 1. Enable the Cloud Document AI API and copy lab source files.

Task 2. Create a form processor

Task 3. Create Google Cloud resources

Task 4. Deploy the document processing Cloud Run functions

Task 5. Test and validate the end-to-end solution

[Previous](#)[Next](#)

Dashboard – qwiklabs-gcp-00-e5aa45338386 x Buckets – Cloud Storage – qwiklabs-gcp-00-e5aa45338386 x BigQuery – qwiklabs-gcp-00-e5aa45338386 x +

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Welcome to Cloud Shell! Type "help" to get started, or type "gemini" to try prompting with Gemini CLI.

```
student_02_f1508ald6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$ PROJECT_ID=$(gcloud config get-value project)
PROJECT_NUMBER=$(gcloud projects list --filter="project_id:$PROJECT_ID" --format='value(project_number)')

SERVICE_ACCOUNT=$(gcloud storage service-agent --project=$PROJECT_ID)

gcloud projects add-iam-policy-binding $PROJECT_ID \
--member serviceAccount:$SERVICE_ACCOUNT \
--role roles/pubsub.publisher
Your active configuration is: [cloudshell-30484]
ERROR: Policy modification failed. For a binding with condition, run "gcloud alpha iam policies lint-condition" to identify issues in condition.
ERROR: (gcloud.projects.add-iam-policy-binding) INVALID_ARGUMENT: Service account service-899172749594@gs-project-accounts.iam.gserviceaccount.com does not exist.
student_02_f1508ald6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$ gcloud projects add-iam-policy-binding $PROJECT_ID \
--member serviceAccount:$SERVICE_ACCOUNT \
--role roles/pubsub.publisher
Updated IAM policy for project [qwiklabs-gcp-00-e5aa45338386].
bindings:
- members:
  - serviceAccount:qwiklabs-gcp-00-e5aa45338386@qwiklabs-gcp-00-e5aa45338386.iam.gserviceaccount.com
    role: roles/bigquery.admin
- members:
  - serviceAccount:899172749594@cloudbuild.gserviceaccount.com
    role: roles/cloudbuild.builds.builder
- members:
  - serviceAccount:service-899172749594@gcp-sa-cloudbuild.iam.gserviceaccount.com
    role: roles/cloudbuild.serviceAgent
- members:
  - serviceAccount:899172749594-compute@developer.gserviceaccount.com
    role: roles/cloudfunctions.admin
```

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ERROR: (gcloud.projects.add-iam-policy-binding) INVALID_ARGUMENT: Service account service-899172749594@gs-project-accounts.iam.gserviceaccount.com does not exist.

```
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$ gcloud projects add-iam-policy-binding $PROJECT_ID --member serviceAccount:$SERVICE_ACCOUNT --role roles/pubsub.publisher
Updated IAM policy for project [qwiklabs-gcp-00-e5aa45338386].
```

bindings:

- members:
 - serviceAccount:qwiklabs-gcp-00-e5aa45338386@qwiklabs-gcp-00-e5aa45338386.iam.gserviceaccount.com role: roles/bigquery.admin
- members:
 - serviceAccount:899172749594@cloudbuild.gserviceaccount.com role: roles/cloudbuild.builds.builder
- members:
 - serviceAccount:service-899172749594@gcp-sa-cloudbuild.iam.gserviceaccount.com role: roles/cloudbuild.serviceAgent
- members:
 - serviceAccount:899172749594-compute@developer.gserviceaccount.com role: roles/cloudfunctions.admin
- members:
 - serviceAccount:service-899172749594@gcf-admin-robot.iam.gserviceaccount.com role: roles/cloudfunctions.serviceAgent
- members:
 - serviceAccount:service-899172749594@compute-system.iam.gserviceaccount.com role: roles/compute.serviceAgent
- members:
 - serviceAccount:service-899172749594@gcp-sa-prod-dai-core.iam.gserviceaccount.com role: roles/documentaicore.serviceAgent
- members:
 - serviceAccount:899172749594-compute@developer.gserviceaccount.com

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```
- serviceAccount:899172749594-compute@developer.gserviceaccount.com
role: roles/iam.serviceAccountCreator
- members:
  - serviceAccount:admiral@qwiklabs-services-prod.iam.gserviceaccount.com
  - serviceAccount:qwiklabs-gcp-00-e5aa45338386@qwiklabs-gcp-00-e5aa45338386.iam.gserviceaccount.com
  - user:student-02-f1508ald6fa4@qwiklabs.net
role: roles/owner
- members:
  - serviceAccount:899172749594-compute@developer.gserviceaccount.com
role: roles/pubsub.admin
- members:
  - serviceAccount:service-899172749594@gs-project-accounts.iam.gserviceaccount.com
role: roles/pubsub.publisher
- members:
  - serviceAccount:899172749594-compute@developer.gserviceaccount.com
role: roles/run.admin
- members:
  - serviceAccount:service-899172749594@serverless-robot-prod.iam.gserviceaccount.com
role: roles/run.serviceAgent
- members:
  - serviceAccount:899172749594-compute@developer.gserviceaccount.com
  - serviceAccount:qwiklabs-gcp-00-e5aa45338386@qwiklabs-gcp-00-e5aa45338386.iam.gserviceaccount.com
role: roles/storage.admin
- members:
  - user:student-02-f1508ald6fa4@qwiklabs.net
role: roles/viewer
etag: BwZFviVLYy4=
version: 1
student_02_f1508ald6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386) $
```

Automate Data Capture at Scale x +

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Automate Data Capture at Scale with Document AI > Automate Data Capture at Scale with Document AI: Challenge Lab

Contents

Automate Data Capture at Scale with Document AI: 3:

End Lab 01:52:04 Time limit

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. Learn more.

Open Google Cloud console

Username: student-02-f1508a1d6fa40

Password: xITmluSDvwpc

Project ID: qwiklabs-gcp-00-e5aa453

Region: us-west1

3. Deploy the Cloud Run functions:

```
export CLOUD_FUNCTION_LOCATION=us-west1
gcloud functions deploy process-invoices \
--gen2 \
--region=${CLOUD_FUNCTION_LOCATION} \
--entry-point=process_invoice \
--runtime=python313 \
--service-account=${PROJECT_ID}@appspot.gserviceaccount.com \
--source=cloud-functions/process-invoices \
--timeout=400 \
--env-vars-file=cloud-functions/process-invoices/.env.yaml \
--trigger-resource=gs://${PROJECT_ID}-input-invoices \
--trigger-event=google.storage.object.finalize \
--service-account ${PROJECT_NUMBER}-compute@developer.gserviceaccount.com \
--allow-unauthenticated
```

60/100 Overview Challenge scenario Task 1. Enable the Cloud Document AI API and copy lab source files. Task 2. Create a form processor Task 3. Create Google Cloud resources Task 4. Deploy the document processing Cloud Run functions Task 5. Test and validate the end-to-end solution

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```
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$ export CLOUD_FUNCTION_LOCATION=us-west1
gcloud functions deploy process-invoices \
--gen2 \
--region=${CLOUD_FUNCTION_LOCATION} \
--entry-point=process_invoice \
--runtime=python313 \
--service-account=${PROJECT_ID}@appspot.gserviceaccount.com \
--source=cloud-functions/process-invoices \
--timeout=400 \
--env-vars-file=cloud-functions/process-invoices/.env.yaml \
--trigger-resource=gs://${PROJECT_ID}-input-invoices \
--trigger-event=google.storage.object.finalize \
--service-account ${PROJECT_NUMBER}-compute@developer.gserviceaccount.com \
--allow-unauthenticated
ERROR: (gcloud.functions.deploy) ResponseError: status=[400], code=[Ok], message=[Validation failed for trigger projects/qwiklabs-gcp-00-e5aa45338386/locations/us-west1/triggers/process-invoices-761939: Invalid resource state for "": Permission denied while using the Eventarc Service Agent. If you recently started to use Eventarc, it may take a few minutes before all necessary permissions are propagated to the Service Agent. Otherwise, verify that it has Eventarc Service Agent role.]
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$ export CLOUD_FUNCTION_LOCATION=us-west1
gcloud functions deploy process-invoices \
--gen2 \
--region=${CLOUD_FUNCTION_LOCATION} \
--entry-point=process_invoice \
--runtime=python313 \
--service-account=${PROJECT_ID}@appspot.gserviceaccount.com \
--source=cloud-functions/process-invoices \
--timeout=400 \
```

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```
rc Service Agent role.]
student_02_f1508ald6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$ export CLOUD_FUNCTION_LOCATION=us-west1
gcloud functions deploy process-invoices \
--gen2 \
--region=${CLOUD_FUNCTION_LOCATION} \
--entry-point=process_invoice \
--runtime=python313 \
--service-account=${PROJECT_ID}@appspot.gserviceaccount.com \
--source=cloud-functions/process-invoices \
--timeout=400 \
--env-vars-file=cloud-functions/process-invoices/.env.yaml \
--trigger-resource=gs://${PROJECT_ID}-input-invoices \
--trigger-event=google.storage.object.finalize \
--service-account $PROJECT_NUMBER-compute@developer.gserviceaccount.com \
--allow-unauthenticated
Preparing function...done.
Deploying function...
[Build] Build in progress.... Logs are available at [https://console.cloud.google.com/cloud-build/builds;region=us-west1/0193746a-62a7-428a-9814-dcd09f62ff2a?project=899172749594]...
[Build] Logs are available at [https://console.cloud.google.com/cloud-build/builds;region=us-west1/0193746a-62a7-428a-9814-dcd09f62ff2a?project=899172749594]...done
[Service]done
[Trigger]done
Done.
You can view your function in the Cloud Console here: https://console.cloud.google.com/functions/details/us-west1/process-invoices?project=qwiklabs-gcp-00-e5aa45338386

buildConfig:
  automaticUpdatePolicy: {}
```

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```
labels:
  deployment-tool: cli-gcloud
name: projects/qwiklabs-gcp-00-e5aa45338386/locations/us-west1/functions/process-invoices
satisfiesPzi: true
serviceConfig:
  allTrafficOnLatestRevision: true
  availableCpu: '0.1666'
  availableMemory: 256M
  environmentVariables:
    GCS_OUTPUT_URI_PREFIX: processed
    LOG_EXECUTION_ID: 'true'
    PARSER_LOCATION: YourParserlocation_goeshere
    PROCESSOR_ID: YourProcessorID_goeshere
    PROJECT_ID: YourGCPPProjectID
    TIMEOUT: '300'
  ingressSettings: ALLOW_ALL
  maxInstanceCount: 5
  maxInstanceRequestConcurrency: 1
  revision: process-invoices-00001-nen
service: projects/qwiklabs-gcp-00-e5aa45338386/locations/us-west1/services/process-invoices
serviceAccountEmail: 899172749594-compute@developer.gserviceaccount.com
timeoutSeconds: 400
uri: https://process-invoices-xh7gkjmduq-uw.a.run.app
state: ACTIVE
updateTime: '2025-12-12T09:51:22.913596119Z'
url: https://us-west1-qwiklabs-gcp-00-e5aa45338386.cloudfunctions.net/process-invoices
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$
```

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Dashboard – qwiklabs-gcp-00-e5aa45338386 x accounts-processor – Document AI – +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-00-e5aa45338386&pli=1&cloudshell=true

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```
deployment-tool: cli-gcloud
name: projects/qwiklabs-gcp-00-e5aa45338386/locations/us-west1/functions/process-invoices
satisfiesPzi: true
serviceConfig:
  allTrafficOnLatestRevision: true
  availableCpu: '0.1666'
  availableMemory: 256M
  environmentVariables:
    GCS_OUTPUT_URI_PREFIX: processed
    LOG_EXECUTION_ID: 'true'
    PARSER_LOCATION: YourParserlocation_goeshere
    PROCESSOR_ID: YourProcessorID_goeshere
    PROJECT_ID: YourGCPPProjectID
    TIMEOUT: '300'
  ingressSettings: ALLOW_ALL
  maxInstanceCount: 5
  maxInstanceRequestConcurrency: 1
  revision: process-invoices-00001-nen
service: projects/qwiklabs-gcp-00-e5aa45338386/locations/us-west1/services/process-invoices
serviceAccountEmail: 899172749594-compute@developer.gserviceaccount.com
timeoutSeconds: 400
uri: https://process-invoices-xh7gkjmduq-uw.a.run.app
state: ACTIVE
updateTime: '2025-12-12T09:51:22.913596119Z'
url: https://us-west1-qwiklabs-gcp-00-e5aa45338386.cloudfunctions.net/process-invoices
student_02_f1508ald6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$
student_02_f1508ald6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$
student_02_f1508ald6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$ vi cloud-functions/process-invoices/.env.yaml
student_02_f1508ald6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$
```

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PARSER_LOCATION: us
PROCESSOR_ID: 52a34745f0dafc87
TIMEOUT: "300"
GCS_OUTPUT_URI_PREFIX: "processed"
PROJECT_ID: "qwiklabs-gcp-00-e5aa45338386"

-- INSERT -- 5, 43 All



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https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-00-e5aa45338386&pli=1&cloudshell=true

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availableMemory: 256M
environmentVariables:
 GCS_OUTPUT_URI_PREFIX: processed
 LOG_EXECUTION_ID: 'true'
 PARSER_LOCATION: YourParserlocation_goeshere
 PROCESSOR_ID: YourProcessorID_goeshere
 PROJECT_ID: YourGCPPProjectID
 TIMEOUT: '300'
ingressSettings: ALLOW_ALL
maxInstanceCount: 5
maxInstanceRequestConcurrency: 1
revision: process-invoices-00001-nen
service: projects/qwiklabs-gcp-00-e5aa45338386/locations/us-west1/services/process-invoices
serviceAccountEmail: 899172749594-compute@developer.gserviceaccount.com
timeoutSeconds: 400
uri: https://process-invoices-xh7gkjmduq-uw.a.run.app
state: ACTIVE
updateTime: '2025-12-12T09:51:22.913596119Z'
url: https://us-west1-qwiklabs-gcp-00-e5aa45338386.cloudfunctions.net/process-invoices
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)\$
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)\$
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)\$ vi cloud-functions/process-invoices/.env.yaml
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)\$ cat cloud-functions/process-invoices/.env.yaml
PARSER_LOCATION: us
PROCESSOR_ID: 52a34745f0dafc87
TIMEOUT: "300"
GCS_OUTPUT_URI_PREFIX: "processed"
PROJECT_ID: "qwiklabs-gcp-00-e5aa45338386"
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)\$

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student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)\$ export CLOUD_FUNCTION_LOCATION=us-west1
gcloud functions deploy process-invoices \
--gen2 \
--region=\${CLOUD_FUNCTION_LOCATION} \
--entry-point=process_invoice \
--runtime=python313 \
--service-account=\${PROJECT_ID}@appspot.gserviceaccount.com \
--source=cloud-functions/process-invoices \
--timeout=400 \
--env-vars-file=cloud-functions/process-invoices/.env.yaml \
--trigger-resource=gs://\${PROJECT_ID}-input-invoices \
--trigger-event=google.storage.object.finalize \
--service-account \$PROJECT_NUMBER-compute@developer.gserviceaccount.com \
--allow-unauthenticated
Preparing function...done.
Updating function (may take a while)...
[Build] Build in progress... Logs are available at [https://console.cloud.google.com/cloud-build/builds;region=us-west1/d3b28707-2a56-4c95-8cde-7a7c5496772b?project=899172749594]...
[Build] Logs are available at [https://console.cloud.google.com/cloud-build/builds;region=us-west1/d3b28707-2a56-4c95-8cde-7a7c5496772b?project=899172749594]...done
[Service]warning
Completed with warnings:
[INFO] A new revision will be deployed serving with 100% traffic.
You can view your function in the Cloud Console here: https://console.cloud.google.com/functions/details/us-west1/process-invoices?project=qwiklabs-gcp-00-e5aa45338386

buildConfig:
automaticUpdatePolicy: {}
build: projects/899172749594/locations/us-west1/builds/d3b28707-2a56-4c95-8cde-7a7c5496772b

Air: Very poor Now

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```
trigger: projects/qwiklabs-gcp-00-e5aa45338386/locations/us-west1/triggers/process-invoices-408453
triggerRegion: us-west1
labels:
  deployment-tool: cli-gcloud
name: projects/qwiklabs-gcp-00-e5aa45338386/locations/us-west1/functions/process-invoices
satisfiesPzi: true
serviceConfig:
  allTrafficOnLatestRevision: true
  availableCpu: '0.1666'
  availableMemory: 256M
  environmentVariables:
    GCS_OUTPUT_URI_PREFIX: processed
    LOG_EXECUTION_ID: 'true'
    PARSER_LOCATION: us
    PROCESSOR_ID: 52a34745f0dafc87
    PROJECT_ID: qwiklabs-gcp-00-e5aa45338386
    TIMEOUT: '300'
  ingressSettings: ALLOW_ALL
  maxInstanceCount: 5
  maxInstanceRequestConcurrency: 1
  revision: process-invoices-00002-zip
  service: projects/qwiklabs-gcp-00-e5aa45338386/locations/us-west1/services/process-invoices
  serviceAccountEmail: 899172749594-compute@developer.gserviceaccount.com
  timeoutSeconds: 400
  uri: https://process-invoices-xh7gkjmduq-uw.a.run.app
state: ACTIVE
updateTime: '2025-12-12T10:00:55.624550014Z'
url: https://us-west1-qwiklabs-gcp-00-e5aa45338386.cloudfunctions.net/process-invoices
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386) $
```

Air: Very poor Now

Search

03:32 PM 12-12-2025 ENG IN



Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked.
[Learn more.](#)

[Open Google Cloud console](#)

Username

student-02-f1508a1d6fa46



Password

xITmluSDvwpc



Project ID

qwiklabs-gcp-00-e5aa453c



Region

us-west1



Task 5. Test and validate the end-to-end solution

For your final task you must successfully process the set of invoices that are available in the `~/document-ai-challenge/invoices` folder using your pipeline.

1. Upload these invoices to the input Cloud Storage bucket and monitor the progress of the pipeline.
2. Watch the events until you see a final event indicating that the function execution finished with a status of **OK**.

Once the pipeline has fully processed the documents, you will see that the form information that is extracted from the invoices by the Document AI processor has been written out into the BigQuery table.

< Previous

Next >



Dashboard – qwiklabs-gcp-00-e5aa45338386 x accounts-processor – Document AI – +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-00-e5aa45338386&pli=1&cloudshell=true

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CLOUD SHELL Terminal (qwiklabs-gcp-00-e5aa45338386) + Open Editor

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#) Don't show again Dismiss

```
student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$ gsutil -m cp -r gs://cloud-training/gsp367/* ~/document-ai-challenge/invoices gs://$PROJECT_ID-input-invoices
Copying gs://cloud-training/gsp367/invoices/279-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
Copying gs://cloud-training/gsp367/invoices/281-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
Copying gs://cloud-training/gsp367/invoices/283-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
Copying gs://cloud-training/gsp367/scripts/cloud-functions/process-invoices/.env.yaml [Content-Type=application/x-yaml]...
Copying gs://cloud-training/gsp367/scripts/cloud-functions/process-invoices/requirements.txt [Content-Type=text/plain]...
Copying gs://cloud-training/gsp367/scripts/table-schema/doc_ai_extracted_entities.json [Content-Type=application/json]...
Copying gs://cloud-training/gsp367/scripts/cloud-functions/process-invoices/main.py [Content-Type=text/x-python-script]...
Copying file:///home/student_02_f1508a1d6fa4/document-ai-challenge/invoices/281-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
Copying file:///home/student_02_f1508a1d6fa4/document-ai-challenge/invoices/283-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
Copying file:///home/student_02_f1508a1d6fa4/document-ai-challenge/invoices/279-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
| [10/10 files] [ 1.4 MiB/ 1.4 MiB] 100% Done
Operation completed over 10 objects/1.4 MiB.

student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$ gsutil -m cp -r gs://cloud-training/gsp367/* ~/document-ai-challenge/invoices gs://$PROJECT_ID-input-invoices
Copying gs://cloud-training/gsp367/invoices/279-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
Copying gs://cloud-training/gsp367/invoices/281-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
Copying gs://cloud-training/gsp367/scripts/cloud-functions/process-invoices/.env.yaml [Content-Type=application/x-yaml]...
Copying gs://cloud-training/gsp367/invoices/283-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
Copying gs://cloud-training/gsp367/scripts/cloud-functions/process-invoices/main.py [Content-Type=text/x-python-script]...
Copying gs://cloud-training/gsp367/scripts/cloud-functions/process-invoices/requirements.txt [Content-Type=text/plain]...
Copying gs://cloud-training/gsp367/scripts/table-schema/doc_ai_extracted_entities.json [Content-Type=application/json]...
Copying file:///home/student_02_f1508a1d6fa4/document-ai-challenge/invoices/283-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
Copying file:///home/student_02_f1508a1d6fa4/document-ai-challenge/invoices/281-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
Copying file:///home/student_02_f1508a1d6fa4/document-ai-challenge/invoices/279-en-invoice-commercial-ty.pdf [Content-Type=application/pdf]...
| [10/10 files] [ 1.4 MiB/ 1.4 MiB] 100% Done
Operation completed over 10 objects/1.4 MiB.

student_02_f1508a1d6fa4@cloudshell:~/document-ai-challenge/scripts (qwiklabs-gcp-00-e5aa45338386)$
```

7 22°C Sunny

Search

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Dashboard – qwiklabs-gcp-00-e5aa45338386 | accounts-processor – Document AI – qwiklabs-gcp-00-e5aa45338386 – Buckets +

https://console.cloud.google.com/storage/browser?project=qwiklabs-gcp-00-e5aa45338386&prefix=&forceOnBucketsSortingFiltering=true | 1

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Google Cloud qwiklabs-gcp-00-e5aa45338386 Search (/) for resources, docs, products, and more Search

Cloud Storage Buckets + Create Refresh Go to path Learn

Overview Filter Filter buckets View options

Name	Created	Location type	Location	Default storage class	Last modified	Public ac
gcf-v2-sources-899172749594-us-west1	Dec 12, 2025, 3:18:32PM	Region	us-west1	Standard	Dec 12, 2025, 3:18:32PM	Not public
gcf-v2-uploads-899172749594.us-west1	Dec 12, 2025, 3:18:22PM	Region	us-west1	Standard	Dec 12, 2025, 3:18:22PM	Not public
qwiklabs-gcp-00-e5aa45338386-archived	Dec 12, 2025, 3:05:40PM	Region	us-west1	Standard	Dec 12, 2025, 3:05:40PM	Not public
qwiklabs-gcp-00-e5aa45338386-input	Dec 12, 2025, 3:04:04PM	Region	us-west1	Standard	Dec 12, 2025, 3:21:19PM	Not public
qwiklabs-gcp-00-e5aa45338386-output	Dec 12, 2025, 3:05:09PM	Region	us-west1	Standard	Dec 12, 2025, 3:05:09PM	Not public

Buckets Monitoring Settings Storage Intelligence Insights datasets Configuration Marketplace Release Notes

7 22°C Sunny Search

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Dashboard – qwiklabs-gcp-00-e5aa45338386 | accounts-processor – Document AI – qwiklabs-gcp-00-e5aa45338386 – Bucket d +

https://console.cloud.google.com/storage/browser/qwiklabs-gcp-00-e5aa45338386-input-invoices/scripts/table-schema?pageState=("St... | 1

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Cloud Storage Bucket details Edit bucket Go to path Refresh Learn

Overview Buckets Monitoring Settings

Storage Intelligence Insights datasets Configuration

Objects Configuration Permissions Protection Lifecycle Observability New Inventory Reports Operations

Folder browser Buckets > qwiklabs-gcp-00-e5aa45338386-input-invoices > scripts > table-schema

Create folder Upload Transfer data Other services

Filter by name prefix only Filter objects and folders Show Live objects only

Name	Size	Type	Created	Storage class
doc_ai_extracted_entities.json	411 B	application/json	Dec 12, 2025, 3:39:59 PM	Standard

Marketplace Release Notes

22°C Sunny ENG IN 03:42 PM 12-12-2025

Search

System tray icons: Home, Back, Forward, Stop, Refresh, Search, File Explorer, Task View, Edge, Firefox, File Manager, Power, Volume, Network, Battery, Date/Time.

Dashboard – qwiklabs-gcp-00-e5aa45338386 | accounts-processor – Document AI – qwiklabs-gcp-00-e5aa45338386 – Bucket d +

https://console.cloud.google.com/storage/browser/qwiklabs-gcp-00-e5aa45338386-input-invoices/scripts/cloud-functions/process-invo... | 1

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Storage Intelligence Insights datasets Configuration

Objects Configuration Permissions Protection Lifecycle Observability New Inventory Reports Operations

Folder browser Buckets > qwiklabs-gcp-00-e5aa45338386-input-invoices > scripts > cloud-functions > process-invoices

Create folder Upload Transfer data Other services

Filter by name prefix only Filter objects and folders Show Live objects only

Name	Size	Type	Created	Storage class
.env.yaml	134 B	application/x-yaml	Dec 12, 2025, 3:39:58 PM	Standard
main.py	7.3 KB	text/x-python-script	Dec 12, 2025, 3:39:58 PM	Standard
requirements.txt	148 B	text/plain	Dec 12, 2025, 3:39:58 PM	Standard

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Search

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Dashboard – qwiklabs-gcp-00-e5aa45338386 | accounts-processor – Document AI – invoices/gcp-00-e5aa45338386-archived-invoices – Bucket d | invoices/279-en-invoice-commercial- | +

https://console.cloud.google.com/storage/browser/qwiklabs-gcp-00-e5aa45338386-archived-invoices/invoices;tab=objects?project=qwi...

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Overview Buckets Monitoring Settings

Storage Intelligence Insights datasets Configuration

Buckets

Bucket details

Location Storage class Public access Protection

us-west1 (Oregon) Standard Not public Soft Delete

Objects Configuration Permissions Protection Lifecycle Observability New Inventory Reports Operations

Folder browser Buckets > qwiklabs-gcp-00-e5aa45338386-archived-invoices > invoices

Create folder Upload Transfer data Other services

Filter by name prefix only Filter Filter objects and folders Show Live objects only

Name	Size	Type	Created	Storage class
279-en-invoice-commercial-ty.pdf	218.6 KB	application/pdf	Dec 12, 2025, 3:40:41 PM	Standard
281-en-invoice-commercial-ty.pdf	63.7 KB	application/pdf	Dec 12, 2025, 3:41:13 PM	Standard
283-en-invoice-commercial-ty.pdf	421.8 KB	application/pdf	Dec 12, 2025, 3:40:59 PM	Standard

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22°C Sunny 03:43 PM 12-12-2025 ENG IN

Dashboard – qwiklabs-gcp-00-e5a... | accounts-processor – Document AI – invoices/279-en-invoice-commercial-t... | invoices/279-en-invoice-commerce | +

https://ffb8b52d982816087276647ebd7b2986248766d6716df49360c5fb2-apidata.googleusercontent.com/download/storage/v1/b/q... | 2

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invoices/279-en-invoice-commercial-t...pdf | 1 / 1 | - 75% + | ⌂ ⌚ ⌚ | ⌚ ⌚ | ⌚ ⌚ | ⌚ ⌚

COMMERCIAL INVOICE EASYID ESHK17929714

Air Waybill No: HKACZESHK17929714	Date of Export: 2020/03/25	Total Weight: 0.52 kg	Shipment Term: DDU	Country: United States				
Reference No.: ESHK17929714		Item	Description of Goods	Qty	Part #	Harmonised Code	Unit Value	Total Value
Exporter / Shipper		1 test 1 1 HS#85171200 10.00 10.00						
Company Name: Eful+f+hk		Total Value: HKD 10.00						
Address: 8 first street Postal Code: City/State: Hong Kong Contact Name: Caroline Easyship Phone/Fax: 12345678 Email: ops+chk02989@easyship.com Country: Hong Kong								
Ship To / Consignee								
Contact Name: Test Test								
Address: 8901 Shawnee Ln Postal Code: 63114 City/State: Saint Louis, MO Phone/Fax: 234234234234 Email: test@test.com Country: United States								
<i>For and on behalf of EASYSHIP FULFILLMENT SERVICES LIMITED</i>  <i>Authorized Signature(s)</i>		2020/03/25						
Easyship Commercial Invoice (2020)		The item may be opened officially. Page 1 of 1						

1

Dashboard – qwiklabs-gcp-00-e5a... | accounts-processor – Document AI – gcf-v2-upl...pspot.com – Bucket +

https://console.cloud.google.com/storage/browser/gcf-v2-uploads-899172749594.us-west1.cloudfunctions.appspot.com;tab=objects?for... | 1

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Cloud Storage Bucket details Edit bucket Go to path Refresh Learn

Overview Buckets Monitoring Settings

Storage Intelligence Insights datasets Configuration

Objects Configuration Permissions Protection Lifecycle Observability New Inventory Reports Operations

Folder browser Buckets > gcf-v2-uploads-899172749594.us-west1.cloudfunctions.appspot.com Create folder Upload Transfer data Other services

Filter by name prefix only Filter Filter objects and folders Show Live objects only

<input type="checkbox"/>	Name	Size	Type	Created	Storage class	
<input type="checkbox"/>	060fc88-4e77-4883-aeda-b3ad4e...	2.9 KB	application/zip	Dec 12, 2025, 3:29:57 PM	Standard	Download More
<input type="checkbox"/>	4115e682-a39b-4efb-a640-ad2eca...	2.9 KB	application/zip	Dec 12, 2025, 3:18:22 PM	Standard	Download More
<input type="checkbox"/>	b7043e7d-809c-46aa-920e-ec7d5...	2.9 KB	application/zip	Dec 12, 2025, 3:19:44 PM	Standard	Download More

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7 22°C Sunny Search

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Dashboard – qwiklabs-gcp-00-e5a... | accounts-processor – Document AI – gcf-v2-sou...us-west1 – Bucket +

https://console.cloud.google.com/storage/browser/gcf-v2-sources-899172749594-us-west1/process-invoices?project=qwiklabs-gcp... | 1

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Cloud Storage Bucket details Edit bucket Go to path Refresh Learn

Overview Buckets Monitoring Settings Storage Intelligence Insights datasets Configuration Marketplace Release Notes

Bucket details for gcf-v2-sources-899172749594-us-west1

Location: us-west1 (Oregon) Storage class: Standard Public access: Not public Protection: Soft Delete, Object versioning

Objects Configuration Permissions Protection Lifecycle Observability New Inventory Reports Operations

Folder browser

Buckets > gcf-v2-sources-899172749594-us-west1 > process-invoices

Create folder Upload Transfer data Other services

Filter by name prefix only Filter Filter objects and folders Show Live objects only

Name	Size	Type	Created	Storage class
function-source.zip	2.9 KB	application/zip	Dec 12, 2025, 3:30:05 PM	Standard

7 22°C Sunny ENG IN 03:45 PM 12-12-2025