Access the Google Cloud Platform (GCP) Console
https://console.cloud.google.com
After logging in, please verify your “Google account” in the upper right corner of the blue title bar.
If you appear to be logged in with a different account, please try using a “New Incognito Window”.
Select Your GCP Project
Select your assigned GCP project from the dropdown in the blue title bar.
You may need to select “No organization” to find the correct project.
Navigating the Console
Open the “Navigation menu” by selecting the hamburger icon in the upper left corner of the blue title bar.
Scroll down to find products like Cloud Storage, Compute Engine, and BigQuery.
Hover over a product and “Pin” it to the menu for simplified navigation.
Cloud Shell
“Activate Cloud Shell” in the upper right corner of the blue title bar. Launching Cloud Shell
Cloud Shell is an interactive shell environment for Google Cloud that makes it easy for you to learn and experiment with Google Cloud and manage your projects and resources from your web browser.
With Cloud Shell, the Cloud SDK gcloud command-line tool and other utilities you need are pre-installed, fully authenticated, up-to-date, and always available when you need them.
How-to Guides Using Cloud Shell Managing files with Cloud Shell
Cloud Storage

Use the “Navigation menu” to open Cloud Storage > Browser

Take a moment to browse buckets / folders / objects

Common methods for interacting with Cloud Storage include:
Using the Console
Using the gsutil tool
Cloud Storage FUSE
Use Cloud Storage FUSE to mount a Cloud Storage bucket to a Compute Engine instance

Compute Engine

Use the “Navigation menu” to open Compute Engine > VM instances

Connect to Linux VMs
Connect to Linux VMs using advanced methods
Configuration options to run your container

Container Registry

https://console.cloud.google.com/gcr/images/google-samples/GLOBAL

Dataproc

Dataproc is a fully managed and highly scalable service for running Apache Spark, Apache Flink, Presto, and 30+ open source tools and frameworks. Use Dataproc for data lake modernization, ETL, and secure data science, at planet scale, fully integrated with Google Cloud.

Use Dataproc, BigQuery, and Apache Spark ML for Machine Learning

BigQuery

BigQuery is a fully-managed enterprise data warehouse that helps you manage and analyze your data with built-in features like machine learning, geospatial analysis, and business intelligence. BigQuery's serverless architecture lets you use SQL queries to answer your organization's biggest questions with zero infrastructure management. BigQuery's scalable, distributed analysis engine lets you query terabytes in seconds and petabytes in minutes.

How-to guides

Google Public Datasets

Marketplace - Datasets
About COVID-19 Public Datasets
NLM COVID-19 Genome Sequence Dataset

Life Sciences API

Cloud Life Sciences (formerly Google Genomics) enables the life sciences community to

process biomedical data at scale.
Run GATK Best Practices Run Sentieon DNASeq Run Nextflow Run dsub
AI Platform Notebooks (i.e., Jupyter Notebooks)
Use the “Navigation menu” to open AI Platform > Notebooks
Create a Notebooks instance Clone your GitHub repository in your Notebooks instance BigQuery Notebooks Document AI Notebooks Julia with GCP’s AI Platform Notebooks
RStudio Server
Running RStudio Server on a Dataproc cluster
Slurm
Installing apps in a Slurm cluster on Compute Engine