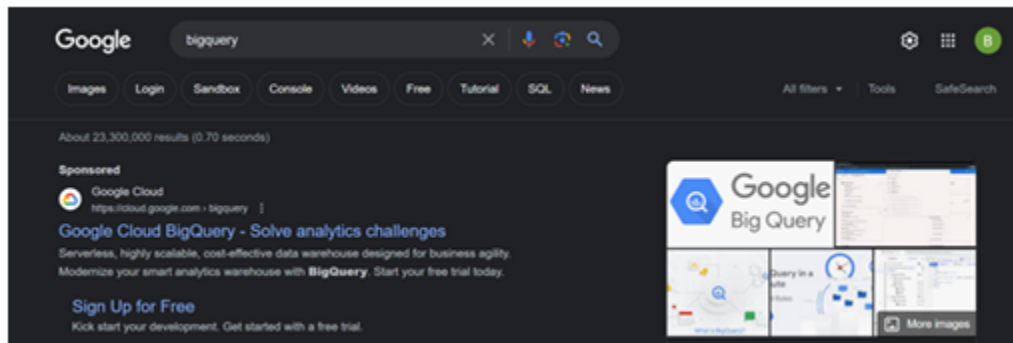
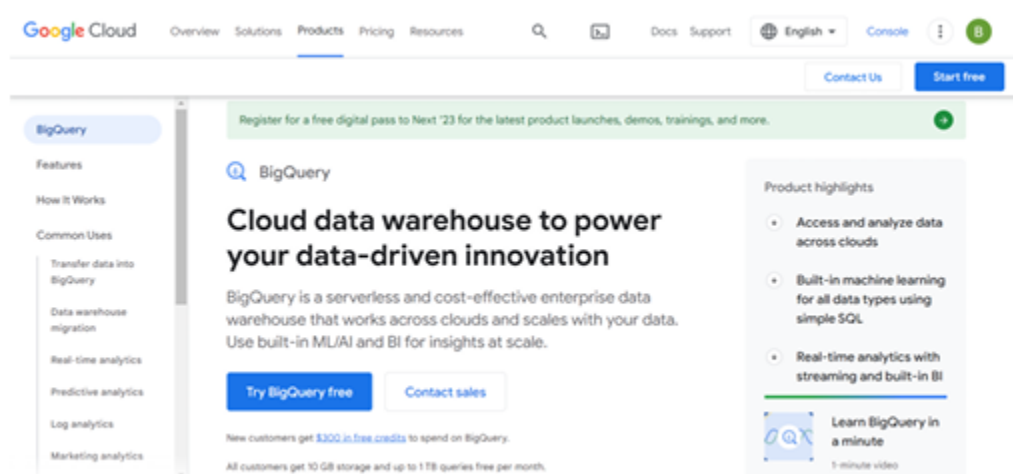


## Panduan Google Big Query

1. Untuk memulai setup Google BigQuery, kita membutuhkan akun google (gmail.com) untuk dapat terhubung. Apabila kita telah memiliki akun email Google, maka kita bisa mencari "google bigquery" pada search engine yang kita miliki di browser.



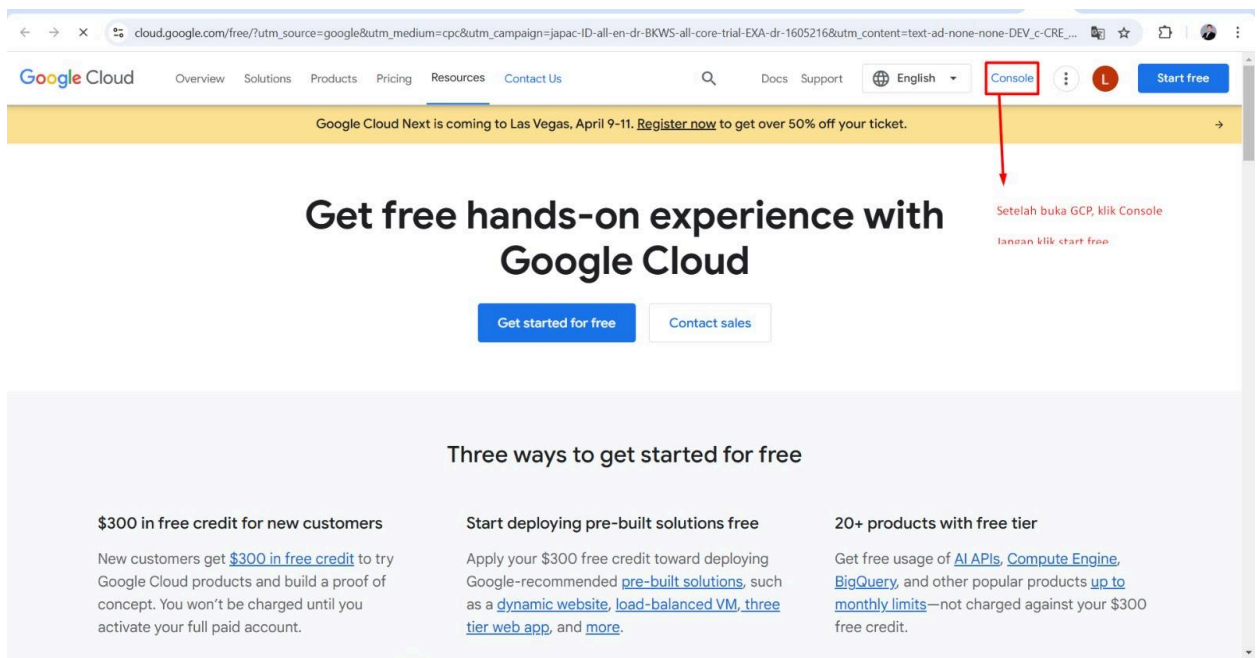
2. Untuk memulai, kita dapat mengklik Google Cloud Bigquery. Atau kita juga bisa mengunjungi situs <https://cloud.google.com/bigquery> untuk mengakses BigQuery.
3. Ketika kita mengunjungi situs tersebut, kita akan ditampilkan halaman berikut ini.



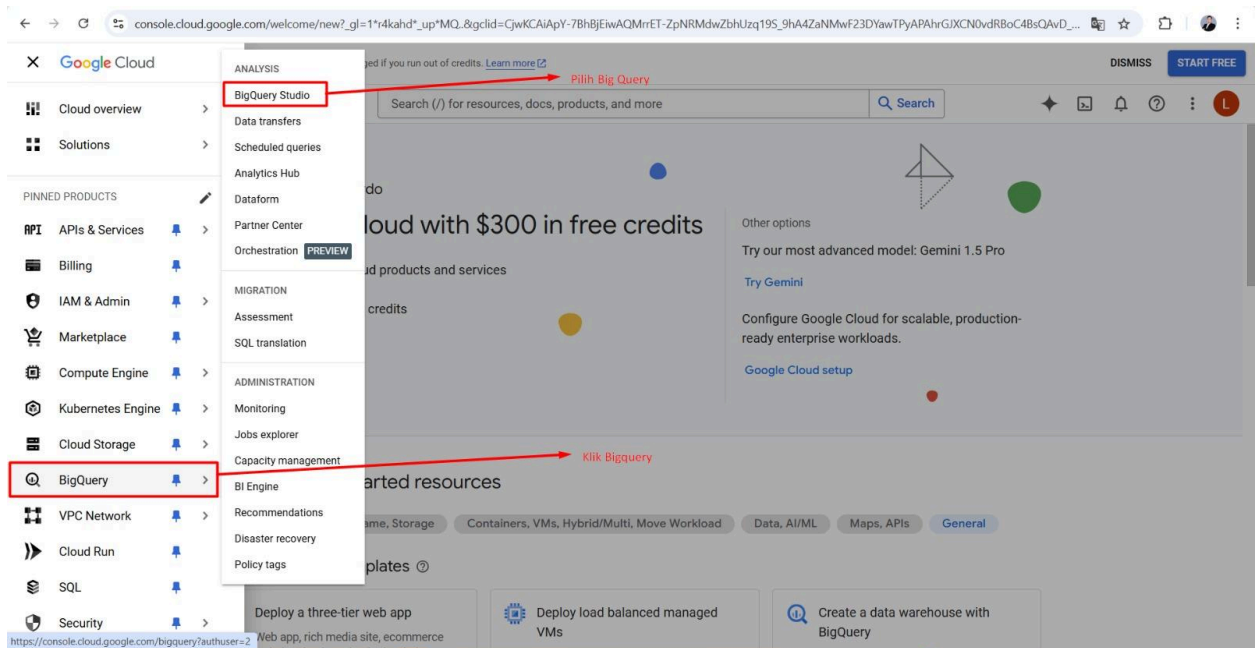
4. Pada awalnya, seluruh pengguna Google BigQuery (GBQ) dapat memiliki akses GBQ secara gratis. Kuota gratis yang diberikan oleh GBQ kepada seluruh pengguna adalah \$300 selama 3 bulan (tergantung yang mana habis duluan). Kita juga mendapatkan kuota untuk penyimpanan data sampai sebesar 10 GB dan juga dapat melakukan pemanggilan Query sebesar 1 TB tiap bulannya. Untuk pemakaian diluar kuota tersebut akan dikenakan biaya.

## Panduan untuk menggunakan GBQ (TANPA DEBIT atau CREDIT CARD)

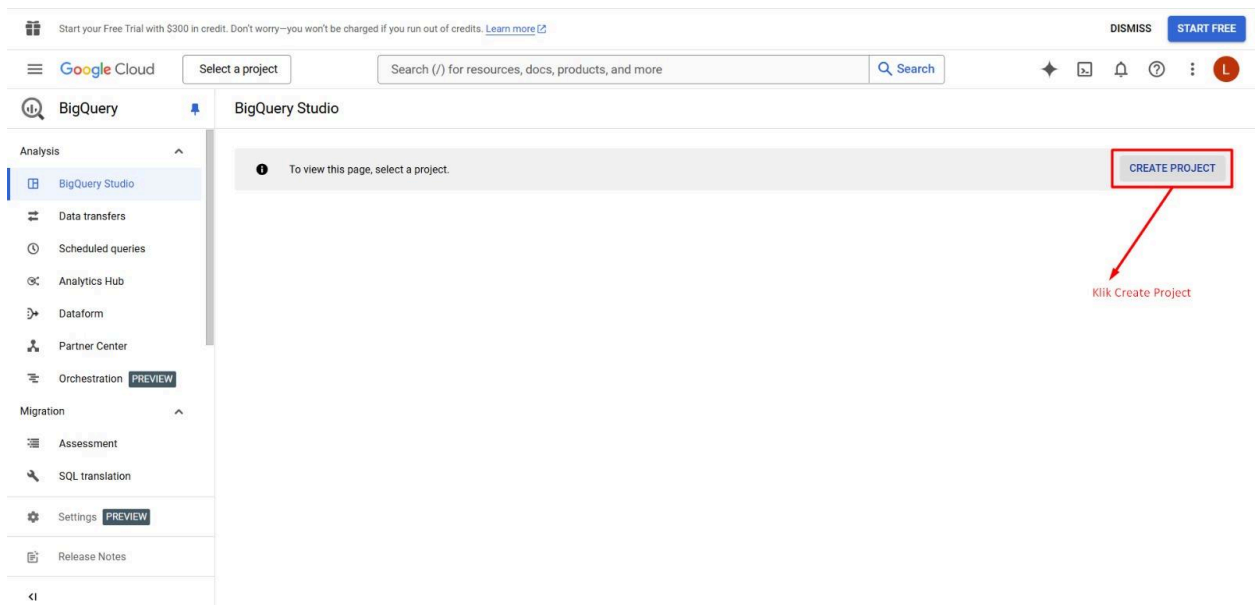
1. Lihat **tutorial** berikut [LINK VIDEO](#)
2. Fitur ini bernama **BigQuery Sandbox**
  - a. Reference:  
<https://cloud.google.com/bigquery/docs/sandbox#:~:text=The%20BigQuery%20sandbox%20lets%20you%20experience%20BigQuery%20without%20providing%20a,in%20the%20free%20usage%20tier>
  - b. Reference:  
<https://cloud.google.com/blog/products/data-analytics/query-without-a-credit-card-introducing-bigquery-sandbox>
3. Klik button “**CONSOLE**” pada halaman awal Google Cloud



4. Klik Burger Button di pojok Kanan Atas
5. Kemudian klik BigQuery
6. Kemudian Pilih BigQuery Studio



## 7. Create Project



## 8. Isi Nama Project

console.cloud.google.com/projectcreate?previousPage=%2Fprojectselector%2Fbigquery%3Fauthuser%3D2%26supportedpurview%3Dproject&authuser=2&supportedpurview=project

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 Search (/) for resources, docs, products, and more Search

### New Project

⚠ You have 11 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

Project name \*

Project ID: rakamin-academy-data-science. It cannot be changed later. [EDIT](#)

Location \*  
No organization [BROWSE](#)

Parent organization or folder

[CREATE](#) CANCEL

## 9. Bigquery siap digunakan 😊

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 Rakamin Academy Data Science Search (/) for resources, docs, products, and more Search

SANDBOX Set up billing to upgrade to the full BigQuery experience. [Learn more](#)

DISMISS UPGRADE

### Explorer

+ ADD

Search BigQuery resources

Show starred only

- ▼ rakamin-academy-data-science
- ▶ Queries
- ▶ Notebooks
- ▶ Data canvases
- ▶ Data preparations
- ▶ Workflows
- ▶ External connections

SUMMARY

Nothing currently selected

### Untitled query

RUN SAVE DOWNLOAD SHARE SCHEDULE OPEN IN MORE

Type a query to get started

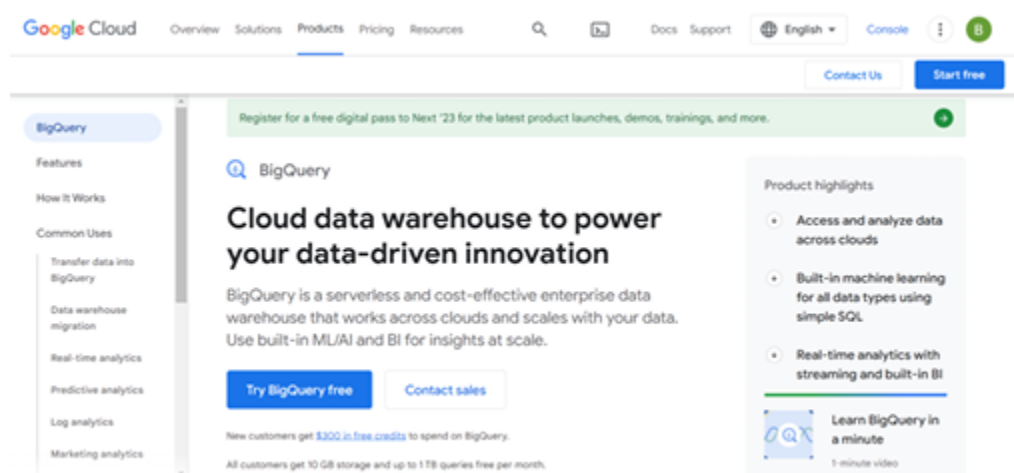
1

Job history

Press Alt+F1 for Accessibility Options. REFRESH



## Panduan untuk setup Google BigQuery (WAJIB punya DEBIT atau CREDIT CARD)

1. Untuk mendapatkan kuota gratis dan masuk ke konsol GBQ pertama kali, kita perlu mendaftar terlebih dahulu. Ketik tombol biru Try BigQuery free untuk memulai pendaftaran GBQ Panduan untuk setup Google BigQuery



2. Ketika kita klik tombol tersebut, kita akan diarahkan untuk mengisi informasi akun pribadi terlebih dahulu.

### Step 1 of 2 Account Information

  [SWITCH ACCOUNT](#)

Country

What best describes your organization or needs?

Terms of Service  
☐ I have read and agree to the [Google Cloud Platform Terms of Service](#), [Supplemental Free Trial Terms of Service](#), and the terms of service of [any applicable services and APIs](#).  
Required to continue

### Access to all Google Cloud products

Get everything you need to build and run your apps, websites and services, including Firebase and the Google Maps API.

### \$300 credit for free

Put Google Cloud to work with \$300 in credit to spend over the next 90 days.

### No autocharge after free trial ends

We ask you for your credit card to make sure you are not a robot. If you use a credit or debit card, you won't be charged unless you manually upgrade to a paid account.



3. Apabila kita menggunakan GBQ untuk kebutuhan personal, maka kita dapat memilih Other.

Country

Indonesia

What best describes your organization or needs?

Please select

Other

Terms of Service

☒ I have read and agree to the [Google Cloud Platform Terms of Service](#), [Supplemental Free Trial Terms of Service](#), and the terms of service of [any applicable services and APIs](#).

Required to continue

CONTINUE

4. Setelah kita klik **Continue**, kita akan diarahkan ke halaman pembayaran. Isilah informasi diri kalian, karena informasi ini dibutuhkan untuk mendaftar GBQ pertama kali

## Step 2 of 2 Payment Information Verification

Your payment information helps us reduce fraud and abuse. If you use a credit or debit card, you won't be charged unless you turn on automatic billing.

### Customer info



Account type ⓘ



Individual ▼



Tax information ⓘ



Tax status: Personal

Tax or Identification Number:

Tax obligation main number (NPWP)



Name and address ⓘ

Name

[Redacted]

Address line 1

[Redacted]

Address line 2

5. Ketika kita scroll ke bawah, kita akan diminta informasi Debit Card atau Credit Card. Masukkan informasi tersebut untuk mengaktifkan informasi pembayaran. Ketika kita pertama kali mendaftarkan informasi kartu kita, dana kita akan dipotong sebesar Rp.10.000. Jangan Khawatir, karena dana ini akan langsung dikembalikan ke kartu kita beberapa menit setelah registrasi berhasil. Panduan untuk setup Google BigQuery

## How you pay



### Automatic payments

With automatic payments, you pay for this service only after you have actual costs. You'll be charged automatically on the 1st of each month or any time your balance reaches an amount known as your payment threshold. [Learn more](#)

## Payment method ⓘ

Card number	MM	YY	CVC
#			
Cardholder name			

☒ Credit or debit card address is same as above

The personal information you provide here will be added to your payments profile. It will be stored securely and treated in accordance with the [Google Privacy Policy](#).

**START MY FREE TRIAL**

6. Ketik tombol **START MY FREE TRIAL** setelah memasukkan informasi kartu kita.
7. Setelah itu, kita akan diminta untuk mengisi sebuah kuesioner oleh Google. Setelah selesai, kita bisa klik **Done** untuk dibawa ke halaman dashboard Google Cloud Platform.





Welcome [redacted]!

Your free trial includes \$300 in credit to spend over the next 90 days. To help us serve you better, please answer 4 questions.

✓ What best describes your organization or needs?

2 What brought you to Google Cloud?

Please select \*  
Learn more / explore

NEXT

3 What are you interested in doing with Google Cloud?

4 What best describes your role?

CLOSE

DONE

Recommended based on your interest in Data, AI/ML, SAP

Pre-built solution templates

Create a log analysis pipeline  
Automatic scaling, VM cluster, lift-and-shift,  
distributed traffic

Create a data warehouse with  
BigQuery  
Data warehouse, dashboards, ETL, analytics,  
data analysis

Create an analytics lakehouse  
Data science, IoT, streaming analytics

View all Solutions

8. Untuk menuju ke halaman BigQuery, kita bisa klik banner sebelah kiri. Klik BigQuery →SQLWorkspace. Perhatikan gambar berikut ini