

Importance of Bigquery

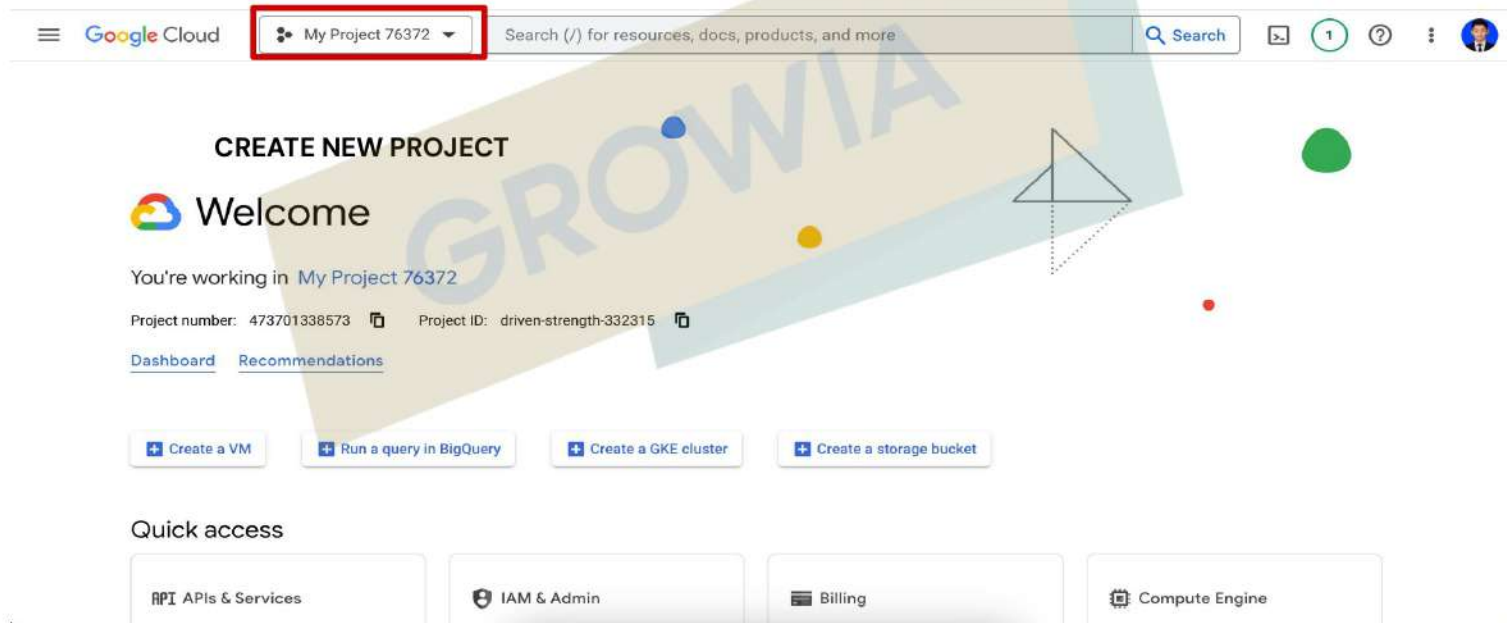
- Meningkatkan efisiensi dan efektivitas pengolahan data, serta mengurangi biaya operasional yang dikeluarkan;
- Memberikan kemampuan skalabilitas yang tinggi dalam mengelola data yang semakin kompleks;
- Memberikan kemampuan integrasi dengan tools data lainnya, sehingga memudahkan team data untuk menggabungkan BigQuery dengan tools data yang lain dan membuat solusi yang lebih lengkap dalam pengelolaan dan analisis data;
- Menyediakan fitur-fitur seperti fungsi agregasi dan filter untuk melakukan query data dengan lebih efisien dan efektif;
- Memungkinkan data engineer untuk memanfaatkan fitur-fitur seperti Machine Learning untuk meningkatkan kualitas analisis data;
- Mengatasi tantangan dalam pengelolaan dan analisis data dengan cepat dan efisien.

Bigquery Access and Interface

The screenshot shows the Google Cloud BigQuery landing page. Several elements are highlighted with red boxes:

- Navigation Bar:** The top navigation bar includes links for Overview, Solutions, Products, Pricing, Resources, and Contact Us. The Google Cloud logo is on the left, and a search icon, Docs, Support, and a language selector (English) are on the right.
- Console and Start free buttons:** The Console button and the Start free button are highlighted.
- Left Sidebar:** The BigQuery section is selected, showing links for Features, How It Works, Common Uses, Pricing, Partners & Integration, and FAQ.
- Main Content Area:**
 - A green banner at the top says: "Register for a free digital pass to Next '23 for the latest product launches, demos, trainings, and more."
 - The BigQuery logo and title "Cloud data warehouse to power your data-driven innovation" are prominent.
 - A description states: "BigQuery is a serverless and cost-effective enterprise data warehouse that works across clouds and scales with your data. Use built-in ML/AI and BI for insights at scale."
 - Buttons for "Try BigQuery free" and "Contact sales" are present.
 - A red box highlights the pricing information: "New customers get \$300 in free credits to spend on BigQuery. All customers get 10 GB storage and up to 1 TB queries free per month."
- Product highlights:** A section on the right lists features: "Access and analyze data across clouds", "Built-in machine learning for all data types using simple SQL", and "Real-time analytics with streaming and built-in BI".
- Learn BigQuery in a minute:** A section at the bottom right features a video thumbnail and the text "Learn BigQuery in a minute" and "1-minute video".

Bigquery Access and Interface



Bigquery Console

The screenshot shows the Google Cloud BigQuery Console interface. The top navigation bar includes the Google Cloud logo, a project selector showing "My Project 76372", a search bar, and user account information. The left sidebar contains the "Explorer" panel with a search bar and a list of datasets: "driven-strength-332315" and "bigquery-public-data". The main content area displays a "Welcome to your SQL Workspace!" message with a "COMPOSE A NEW QUERY" button. Below this, there's a section for "Try the Google Trends Demo Query" with "OPEN THIS QUERY" and "VIEW DATASET" buttons. Red boxes highlight the project selector, the "+ ADD" button in the Explorer, the dataset list, the "COMPOSE A NEW QUERY" button, and the "OPEN THIS QUERY" and "VIEW DATASET" buttons.

Google Cloud My Project 76372 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

Type to search

Viewing workspace resources. SHOW STARRED ONLY

driven-strength-332315 ☆

bigquery-public-data ★

DATASET

Welcome to your SQL Workspace!

Get started

+ COMPOSE A NEW QUERY + ADD

Try with sample data

Try the Google Trends Demo Query

This simple query generates the top search terms in the US from the Google Trends public dataset.

OPEN THIS QUERY VIEW DATASET

Add your own data

The logo consists of the word "GROWIA" in black capital letters on a yellow rectangular background. A teal-colored horizontal bar is positioned below the text, extending slightly to the right.

GROWIA

THANK YOU