

Informatica Google BigQuery Connector

Analyze Big Data Faster Than Ever With Informatica for Google BigQuery

Benefits

- Quickly transform raw data into actionable insights
- Integrate Google BigQuery with hundreds of out-of-the box connectors
- Improve productivity for developers and citizen integrators with role-based, metadata-centric visual tools, out-of-the box templates and wizards

Your data warehouse is only as good as the quality of the data within it. To fully realize the benefits of Google BigQuery enterprise data warehouse, you must rapidly load it with trustworthy, connected, meaningful, and timely data. With Informatica Cloud, a multi-tenant fully-managed integration platform as a service (iPaaS), you can rapidly access, synthesize, and load data into and out of Google BigQuery from numerous sources, such as cloud, social media, sensors, machine sources; on-premises systems, such as SAP; and relational databases such as Netezza, Teradata, and Oracle.

Informatica Cloud gives you the agility needed to rapidly kick off a cloud analytics BigQuery project and seamlessly scale it up or down as data volume and needs vary. Combining a cloud Integration solution with Google BigQuery enhances and expedites your analytics initiative and unlocks the true power of Google BigQuery.

Key Features

Informatica Cloud for Google BigQuery lets you streamline data transformations and rapidly move data from any SaaS application, on-premises database, or big data source into Google BigQuery. Highly scalable and optimized for high throughput of data, it lets you quickly jump-start data warehousing projects of any size and increase the ROI of your Google Cloud Platform deployments. Key features include:

- Drag-and-drop web-based designer to visually design, develop, and deploy data integration mappings
- Simple data synchronization wizard, with no coding necessary, to support the needs of citizen integrators
- Automated scheduling of jobs and task-flow sequencing of multiple jobs
- Pull-down menus for intuitive access to all data sources and basic data transformations
- Pre-built connectivity to hundreds of data sources from on-premises databases to SaaS applications
- Read from and write to Google BigQuery data sets
- Streaming integration ensures target data is immediately available for querying and real-time analysis
- Bulk data integration via Google Cloud Storage for cost-effectively writing large volumes of data
- Automated parallel loading into BigQuery using Google Cloud Storage for interim staging unlocks and optimizing BigQuery processing power
- Support for DML/DDDL command (update, delete, insert) and pass-through support for complex files format like ORC, Parquet, and Avro
- Robust security supporting 128-bit SSL Internet security

About Informatica

Informatica is 100 percent focused on data because the world runs on data. Organizations need business solutions around data for the cloud, big data, real-time and streaming. Informatica is the world's No. 1 provider of data management solutions, in the cloud, on-premise or in a hybrid environment. More than 7,000 organizations around the world turn to Informatica for data solutions that power their businesses.

Key Benefits

Transform your data quickly for analytics needs

Google BigQuery can run huge multi-terabyte queries in seconds, allowing for data analysis in close to real time. Informatica Cloud can further speed up your reporting needs by transforming your raw data into actionable information that you can use for your reports.

Analyze, format, and aggregate records rapidly

Proper formatting and aggregation of data is necessary to provide accurate and relevant analytics. Google BigQuery lets anyone in your company with SQL knowledge query immense amounts of data. Informatica Cloud lets you gain more insights from these data sets by providing advanced out-of-the-box transformations. By focusing less on manual hand coding for integration workflows, Informatica Cloud lets you spend your time looking for useful patterns in your data.

Collaborate more efficiently on integration projects

Collaboration between line-of-business users and IT is crucial to any project to boost productivity. Google's Cloud Platform lets you share your projects with others on your team quickly and efficiently. With Informatica, you can be even more efficient by collaborating on integration projects. Within Informatica Cloud, you can set different user permissions for relevant parties and can quickly debug integration workflows. This rapid collaboration lets you deliver important analytics insights to business stakeholders in a timely fashion.

Quickly on-ramp to public cloud

Informatica Cloud is designed for elasticity and scalability and can support your growth in public cloud from early proof of concept to petabyte-scale production systems. Informatica Cloud's native connectivity for Google BigQuery, seamless integration to on-premises databases, applications, and data warehouses— combined with broad connectivity to SaaS and cloud data sources—provides the quickest on-ramp to Google BigQuery projects.



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