

# RIOGaleão data transformation with BigQuery

RIOGaleão was looking for more innovation into its business areas, which could be achieved through a data transformation with the IPNET team, that structured its data warehouse in BigQuery and started extract, transform, and load data engineering.

## The challenge

Main client's objective was to organize the airport information in an structured way, so the consumer areas could use these data generated to optimize performance and results. The area chosen to start this project was the Commercial team, that could benefit from this information to obtain a better result, and then scale it to other companies' areas.

## The solution

Client had an on-premise data warehouse, which did not allow the innovation, celerity and scalability needed to daily operation of business areas as desired. The solution was to use BigQuery, a completely scalable technology to centralize companies' data with governance and automatization

## The result

Commercial bases are now available quickly, agilely and with excellent performance, taking advantage of this opportunity to connect new databases. BigQuery and IPNET's support allowed it to adapt to solutions and bases Microsoft SQL Server, SAP HANA, PostgreSQL, SharePoint, buckets with TXT files, among others. Connection is fast and the client does not worry about backups or maintenance.

“ The project is part of a governance and transformation initiative of the IT area, that seeks to centralize data in a properly governed repository, ensuring optimization of computational resources, avoiding redundancy in databases and divergence in numbers generated. We had several information silos across business areas. Now we could get more partnership and show benefits of the tools applied. ”

MARCO FONTENELLE - CIO - RioGaleao

## About Rio Galeão

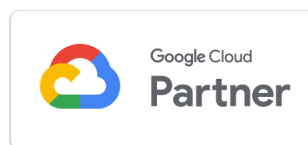
Located in Rio de Janeiro, Tom Jobim International Airport occupies the biggest airport area in Brazil, with the biggest commercial land space and the second airport in commercial movement in the country. It works with 26 air companies, with domestic and international flights to Europe, Americas and Midwest countries.

Vertical/horizontal solution: Other

Primary project location: Brazil



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