

# Etsy - Data Warehouse Migration

Wizeline helped Etsy migrate their data warehouse from on-premises Vertica to Google Cloud Platform (GCP) using BigQuery and leveraging GCloud SDK, libraries, and Google Cloud Storage (GCS) integrations with zero impact.

## The challenge

Etsy needed to migrate ~450 TB of data, 10k+ tables, ~1k data sources, 500+ rollups, 1k+ dashboards, ~200 data outputs all owned by different teams.

## The solution

We assisted Etsy in making architectural decisions related to the migration & systems design. We led the migration of all data, including related controls from Vertica to BigQuery working closely with teams across Etsy & contributed to creating an inventory of all data & jobs, implementing the PHP client for BigQuery, exporting data through DataFlow & modernizing Etsy's rollups execution process

## The results

Maintenance savings with GCS vs. the on-premises analytics platform Vertica. Increase in the performance of the entire system, including implementation. DW duplicated its size from ~750 terabytes to the current ~1.5-2 petabytes. The teams spend more time implementing systems & solutions on the cloud than maintaining big stacks. Etsy is taking on new challenges by using services on the Google cloud

“Wizeline helped us scale quickly, and more importantly understood our high standards for quality, cultural fit, and gender diversity. The partnership with Wizeline has built an immense amount of trust as we establish our own Mexico Regional Office.”

Mike Fisher, Chief Technology Officer, Etsy



## About Etsy, Inc.

Etsy is the global marketplace for unique and creative goods. It is home to a universe of special, extraordinary items, from unique handcrafted pieces to vintage treasures. They help their community of sellers turn their ideas into successful businesses.

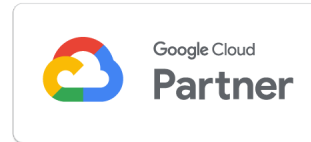
Industry: Retail & Wholesale

Primary project location: United States



## About Wizeline Inc.

Wizeline is a global technology services provider. Wizeline builds high-quality digital products and platforms that accelerate time to market.



## Products

Google Cloud Platform