

Google Cloud Platform For Data Science

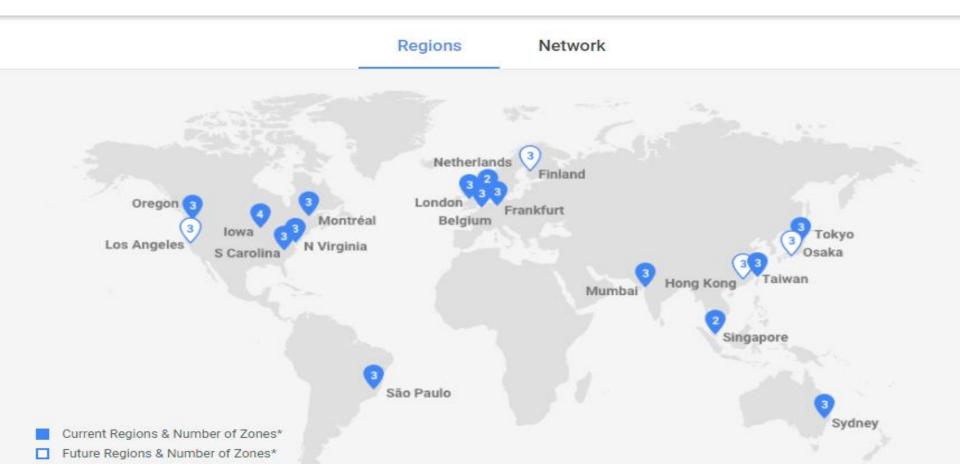
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Google Cloud Platform



Google Cloud Platform Regions and Zones





Payment





Use case

Comparison



Google Cloud





Google Cloud Platform products







NETWORKING



STORAGE AND DATABASES



BIG DATA



MACHINE LEARNING



IDENTITY & SECURITY



MANAGEMENT AND DEVELOPER TOOLS





Google BigQuery



BigQuery





BigQuery is







scalable

interactive

ad hoc query



Implementation details



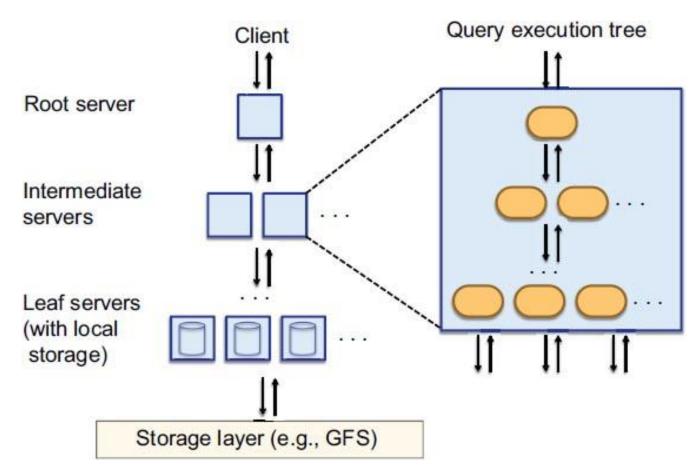
SHARED MULTI-TENANT ARCHITECTURE



DISTRIBUTED STORAGE AND COLUMNAR DATA LAYOUT



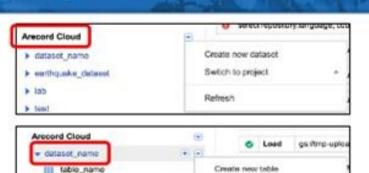
MULTILEVEL EXECUTION TREE





Multi-level execution tree

BigQuery structure



Sharw detained

Delete dataset

CO MARKE SANCESTATION OF THE PARTY OF THE PA

III table_name1

> earthquake_dataset

- Project
- Dataset
- Table
- Job





Use case





Cloud Dataflow

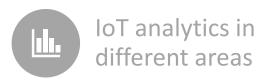






Use case





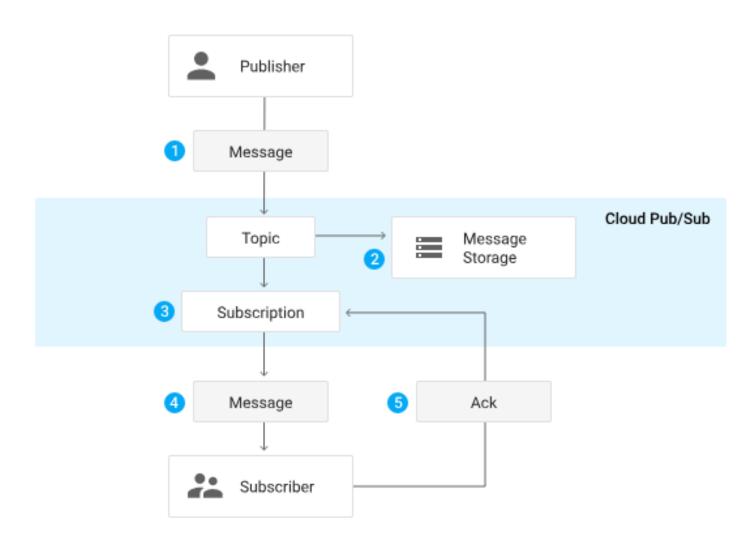




Cloud Pub/Sub















Use case

Useful sources

- Krishnan, S. P., & L., U. G. (2015). Building your next big thing with google cloud platform: A
 guide for developers and enterprise architects. New York: Apress.
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