Lecture-26
Storage Options in the Cloud

Let us start first topic the difference storage options that exists in cloud. GCP offers many different storage options from object stores to database services. These options how to save cost and reduce the time it takes to launch and make most of the data set by being able to analyse of wide variety of data.

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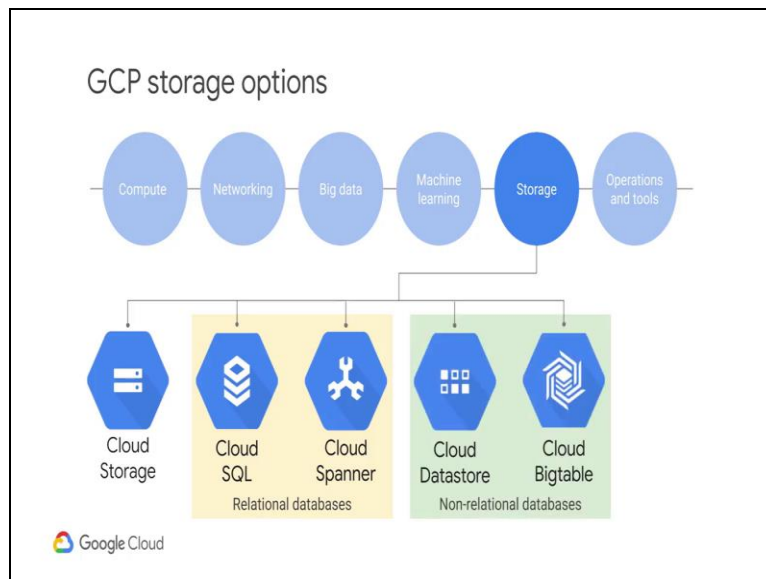
All applications create and use data. We provide all tools you need to build and move applications to the cloud. This includes storing videos images and other objects even operational application data. Applications in many cases required storage solution and GCP provides managed services that are scalable reliable and easy to operate. For relational databases, which are commonly used today offer cloud sequel for my sequel in postgres sequal as well as cloud spanner.

We also have non relational or no sequel database like cloud datastore and cloud bigtable. Big query is highly scalable enterprise data warehouse and works outside the storage solutions discuss this module.

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There are 3 common use cases for cloud storage. The first is content storage and delivery. This is where you have content such as images or videos when you serve the content to the users wherever they are. People wanted their content fast running under the Global network the Google provide and ensure positive experiences for users. The second use case is storage and data analytics and general compute.

You can process or expose your data to analytics tools like the D analytics stack of the product that GCP offers and you things like genomics Sequencing for the internet of things data analysis. Third use case is backup and archival storage. You can save storage cost by migrating infrequently accessed contents to cheaper cloud storage options. It is also critical to have a copy in the cloud for recovery purposes. Just in case anything happens to your data on premises.
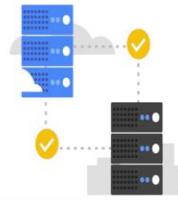
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Two priorities for databases users

Migrate existing databases to the cloud, and move them to the right service.

Innovate, build, or rebuild for the cloud, take advantage of mobile, and plan for future growth.

Google Cloud

If you work with databases we have 2 priorities for you. The first priority is to help you migrate existing database to the Cloud and move them to the right service. You will likely be moving mysequel or postgres equal to cloud sequel. The second priority is to help you innovate build a rebuild for the cloud take advantage of mobile and plan for future growth.