**GOOGLE CLOUD STORAGE:**

What is google cloud storage:

* It is an online file storage web service that allows you to store and retrieve large range of data over the google platform.
* It has single API for all storage classes. here you can store data with minimum development effort. You can store data depending on the cost and the need at that time.
* It is designed for 11 9’s of durability. Highly scalable and performable.

Various services of GC storage:

1. Datastore
2. Cloud SQL
3. Cloud storage
4. Big table
5. Spanner.

DATASTORE:

NO SQL database build :automatic scaling ,high performance and ease of application development.

Data objects here are known as ENTITIES.

Automatic trasictions:Operations will either succeed

High availability of reads and writes, encryption before written into database and decryption before a read by an authorized user.

* Shrading is done

CLOUD SQL:

Fully managed database service that makes it easy to set up, maintain and administer the relational database on GCP.

Data is encrypted when stored in tables, temp files and also back up tables.

Cloud SQL can be integrated with app engine, compute engine and external services.