Bigtable designed for iot applications

Managed nosql database - wide column database .

Low latency and high availability supported . eg used for iot . where streaming data is there .

For analytics , for ml applications We have to create an instance for this that is managed by not serverless .

Instance type - prod () and dev (for testing and don't provide ha )

It is expensive .

SSd hdd supported

Ssd - give high performance

Cluster - we can add multiple clusters to a big table , node store metadata of our data .

Big table known as colossus

We define nodes in clusters .

We can create replicated cluster - ]

We can also monitor data .

We have to specify configuration for our nodes .

Used for large volumes of data .

Big table has table structure which is flexible

Bigtable is a NoSQL wide column database and is not suitable for relational data models that will be queried with SQL.