## Databases Types (i) key value database (by - Redis, Memcached, kub ernetes keys Value 239221 -> L"name": "Mike", "age": 273 139123 -> 42

· used for caching · every fast · message queue -
(limited in schemas).
· Wide Column
TYPE CONTRACTOR OF THE PROPERTY OF THE PROPERT
- value is divided into multiple Colymns.
Ext-Apache, + scalable, simpler db comp to relation
Best for : Timeseries, 201 records, History records.
* Document Databases.
- Mongo DB, DynamoDB, CouchDB
Document - Document - containery for key value paid
manufacture   ma
- unstructured data
- unstructured data  (no need of schema neated  before add data)
before add data)
can be group in collection
10 q . Harrichan
organised in - relational hierardy
· faster to read · · Slower writes · easy to get started.
tasy to jet stanting.
"Usecases - Mobile apps, game apps, most apps.

Relational Dalabases
Mysal Postgresal
- to store & structured data
- Schema and data types needs to created first.
(SQL)
- data is organised in tables.
ACID + Atomicily, Consistency, Isolation, Durability
· Graph Databases
- Direct connect Entities - Modes Q Edges
· Best for: Graphs, Patterns Pelationships
· Search Databases
· Search Databases thr. massive data entries.
· Full text search in efficient & fast way:
Ex: Stastic Search, Solz - document oriented.
· Creates index of words