1. Horizontal scaling: sharding allows distribute data across multiple servers/clusters
2. Vertical scaling
3. Replica sets- copying data

Applications:

Iot

Web apps

Uber

Resilient:

E commerce- during sale

Aggregate fundtions:

count()

distinct()

$Group:

db.users.aggregate([

 { $group: { \_id: "$city", averageAge: { $avg: "$age" } } }

])

$project:

Merge

|  |
| --- |
| db.sales.aggregate( [ |
| { $project: { \_id: 0 } }, |
| { $merge : { into : "newCollection" } } |
| ] ) |

Upsert:

db.employee.findAndModify({

     query:{name:"Ram"},

      update:{$set:{department:"Development"}},

      upsert:true

})

$match:

db.users.aggregate([

 { $match: { age: { $gt: 30 } } }

])

$sort:

db.users.aggregate([

 { $sort: { age: 1 } }

])

Tasks:

Mongodb,Aggregations,indexing,regex in mongodb

To decode the files which scripted in mongodb : need to use some tools (mongodump,mongoexport)





