1. **Match**
2. **Count**

[

{

// How many users are active ?

$match: {

isActive: true,

},

},

{

// Number of users which are active ?

$count: "NoofActiveUser",

},

]

1. **Group**

[

{

// group the data based on gender

$group: {

\_id: "$gender"

}

}

]

1. **Avg**

[

{

// group the data based on gender and count avg age

$group: {

\_id: "$gender",

avgerageAge: {

$avg: "$age"

}

}

}

]

-----------------------------------------------------------------

[

{

// group the all data into one document and fint the avgerage age

$group: {

\_id: null,

avgerageAge: {

$avg: "$age"

}

}

}

]

1. **Match and Group**

[

// group the data based on age and find the age of 37

{

$group:{

\_id: "$age"

},

},

{

$match: {

\_id:37

}

}

]

1. **Sum**

[

// count Number of user for each age group

{

$group: {

\_id: "$age",

count: { $sum: 1 }

}

}

]

[

// count avgerage age of whole document

{

$group: {

// convert many doc to 1 single doc in order to count avg

\_id: null,

AvgerageAge:{

$avg:"$age"

}

}

}

]

1. **Sort**

// group it by the fruits and sort it

[

// stage 1

{

$group:{

\_id:"$favoriteFruit",

count: {

$sum:1

}

}

},

// stage 2

{

$sort:{

// count field is not avaliable in orginal doc but

// as we are in arrg pipeline hence the stage 1 output will be the new

// input doc for stage 2

count:-1

// -1 : higher to lower

// 1 : lower to higer

}

}

]

Ques => List the top 2 farovitre fruit among all

[

// stage 1

{

$group:{

\_id:"$favoriteFruit",

count: {

$sum:1

}

}

},

// stage 2

{

$sort:{

// count field is not avaliable in orginal doc but

// as we are in arrg pipeline hence the stage 1 output will be the new

// input doc for stage 2

count:-1

}

},

{

// give me top 2

$limit: 2

}

]