

Find all users from Mumbai who know JavaScript.

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      city: "Mumbai",  
      skills: "Javascript"  
    }  
  }]  
)
```

Find all female users who are above age 30.

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      gender: "Female",  
      age: { $gt: 30 }  
    }  
  }]  
)
```

Find the count of users for each role (admin, customer).

ans.

```
db.users.aggregate(  
  [ {  
    $group: {  
      _id: "$role",  
      totalUsers: { $sum: 1 }  
    }  
  }  
]  
)
```

How many users are from Mumbai?

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      city: "Mumbai",  
    }  
  },  
  {  
    $count: 'Totaluser'  }  
)
```

```
}  
])
```

How many male users are from Goa?

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      gender: "Male",  
      city: "Goa"  
    }  
  },  
  {  
    $count: 'TotalMaleusers'  
  }  
])
```

Find all male users from Kolkata who know Python.

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      gender: "Male",  
      city: "Kolkata",  
      skills: "python"  
    }  
  }  
])
```

Find all users who are from either Assam or Goa.

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      city: { $in: ["Assam", "Goa"] }  
    }  
  }  
])
```

Find all users who have a salary greater than 1,000,000.

ans.

```
db.users.aggregate(  
  [{
```

```
$match:{
salary:{$gt:1000000}
}
},
{
$count:'Totaluser'
}
])
```

Find the count of users who know Python.

ans.

```
db.users.aggregate(
[ {
  $match: {
    skills:"Python"
  }
},
{
  $count:'Totaluser'
}
])
```

How many users are from Kolkata?

ans.

```
db.users.aggregate(
[ {
  $match: {
    city: "Kolkata",
  }
},
{
  $count:'Totaluser'
}
])
```

How many male users are from Hyderabad who know JavaScript?

ans.

```
db.users.aggregate(
[ {
  $match: {
    gender:"Male",
    city: "Hyderabad",
    skills:"JavaScript"
  }
},
{
  $count:'Totaluser'
}
])
```

```

}
},
{
$count: 'Totalmaleusers'
}]
)

```

How many female users are from New Delhi who have a salary greater than 500,000?

ans.

```

db.users.aggregate(
[ {
  $match: {
    gender: "Female",
    city: "New Delhi",
    salary: { $gt: 500000 }
  }
},
{
  $count: 'TotalFemaleusers'
}]
)

```

Find all users who have the skill "Django" and are under the age of 30

ans.

```

db.users.aggregate(
[ {
  $match: {
    skills: "Django",
    age: { $lt: 30 }
  }
}]
)

```

Find all users from Assam who know Kotlin.

ans.

```

db.users.aggregate(
[ {
  $match: {
    city: "Assam",
    skills: "Kotlin"
  }
}]
)

```

)

Find all users who are from either Hyderabad or Jaipur.

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      city: {$in:["Hyderabad","Jaipur"]}  
    }  
  }]  
)
```

Find all female users from Mumbai who are under the age of 30.

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      gender:"Female",  
      city:"Mumbai",  
      age:{$lt:30}  
    }  
  }]  
)
```

Find all male users who know both Java and SQL.

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      gender:"Male",  
      skills:{$all:{"Java","SQL"}}  
    }  
  }]  
)
```

Find the count of users who have a salary less than 600,000.

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      salary:{$lt:600000}  
    }  
  }],  
  {
```

```
{
$count: 'Totalusers'
}]
)
```

How many users are from Assam who know React?

ans.

```
db.users.aggregate(
[ {
  $match: {
    city: "Assam",
    skills: "React"
  }
},
{
  $count: 'TotalUsers'
}]
)
```

How many male users are from Goa who are above the age of 25?

ans.

```
db.users.aggregate(
[ {
  $match: {
    gender: "Male",
    city: "Goa",
    age: { $gt: 25 }
  }
},
{
  $count: 'TotalMaleusers'
}]
)
```

Find all users who have a first name that starts with "A".

ans.

```
db.users.aggregate(
[ {
  $match: {
    firstName: /^A/
  }
}]
)
```

How many female users are from Kolkata who know both Django and SQL?
ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      gender: "Female",  
      city: "Kolkata",  
      skills: { $all: { "Django", "SQL" } }  
    }  
  },  
  {  
    $count: 'Totalusers'  
  }]  
)
```

Find all users who have the role "admin" and are from New Delhi.
ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      role: "admin",  
      city: "New Delhi"  
    }  
  }]  
)
```

Find all male users from Hyderabad who know Node.js.
ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      gender: "Male",  
      city: "Hyderabad",  
      skills: "Node.js"  
    }  
  }]  
)
```

Find all female users from Kolkata who are above age 25.
ans.

```
db.users.aggregate(  
  [{
```

```

$match: {
  gender: "Female",
  city: "Kolkata",
  age: { $gt: 25 }
}
}]
)

```

Find all users from Delhi who have a salary greater than 800,000.
ans.

```

db.users.aggregate(
[ {
  $match: {
    city: "New Delhi",
    salary: { $gt: 800000 }
  }
} ]
)

```

Find all users who know both Java and Python.
ans.

```

db.users.aggregate(
[ {
  $match: {
    skills: { $all: { "Java", "Python" } }
  }
} ]
)

```

Find the count of users who are under the age of 30.
ans.

```

db.users.aggregate(
[ {
  $match: {
    age: { $lt: 30 }
  }
},
{
  $count: 'Totalusers'
} ]
)

```


How many female users are from Mumbai who know C++?

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      gender: "Female",  
      city: "Mumbai",  
      skills: "C++"  
    }  
  },  
  {  
    $count: 'TotalFemaleusers'  
  }  
])  
)
```

How many male users from Assam have a salary less than 500,000?

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      gender: "Male",  
      city: "Assam",  
      salary: { $lt: 500000 }  
    }  
  },  
  {  
    $count: 'TotalMaleusers'  
  }  
])  
)
```

Find all users who have the last name "Sharma" and are from Jaipur.

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      lastName: "Sharma",  
      city: "Jaipur"  
    }  
  }  
])
```

How many users from Goa know both HTML and CSS?

ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      city: "Goa",  
      skills: {$all: {"HTML", "CSS"}}  
    }  
  },  
  {  
    $count: 'Totalusers'  
  }  
])  
)
```

Find all users who are from either Hyderabad or Kolkata and know JavaScript.
ans.

```
db.users.aggregate(  
  [{  
    $match: {  
      city: {$in: ["Hyderabad", "Kolkata"]},  
      skills: "JavaScript"  
    }  
  }  
])  
)
```