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Batch :- C1

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Update a single data row

db.Details.update({name:"Dax"},{$set:{"age":15,"name":"Dan"}})

```
> db.Details.update({name:"Dax"},{$set:{"age":15,"name":"Dan"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Details.find();
{ "_id" : ObjectId("624bbc6b23dfbcf819bb3d4a"), "name" : "Sarthak", "age" : 21, "gender" : "M" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4b"), "name" : "Pragati", "age" : 24, "gender" : "F" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4c"), "name" : "Indiana", "age" : 30, "gender" : "F" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4d"), "name" : "Dan", "age" : 15, "gender" : "M" }
>
```

Update a single data row using $Unset

> db.Details.updateOne({name:"Dan"},{$unset:{ gender: ""}});

```
> db.Details.updateOne({name:"Dan"},{$unset:{ gender: ""}});
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.Details.find();
{ "_id" : ObjectId("624bbc6b23dfbcf819bb3d4a"), "name" : "Sarthak", "age" : 21, "gender" : "M" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4b"), "name" : "Pragati", "age" : 23, "gender" : "F" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4c"), "name" : "Indiana", "age" : 30, "gender" : "F" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4d"), "name" : "Dan", "age" : 15 }
```

Unset multiple fields in a row

> db.Details.update({name:"Indiana"},{$unset:{age:"",gender:""}});

```
> db.Details.update({name:"Indiana"},{$unset:{age:"",gender:""}});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Details.find();
{ "_id" : ObjectId("624bbc6b23dfbcf819bb3d4a"), "name" : "Sarthak", "age" : 21, "gender" : "M" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4b"), "name" : "Pragati", "age" : 23, "gender" : "F" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4c"), "name" : "Indiana" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4d"), "name" : "Dan", "age" : 15 }
>
```

Delete a row

> db.Details.remove({"_id": ObjectId("624bbe4323dfbcf819bb3d4d")});

```
> db.Details.remove({"_id": ObjectId("624bbe4323dfbcf819bb3d4d")});
WriteResult({ "nRemoved" : 1 })
> db.Details.find();
{ "_id" : ObjectId("624bbc6b23dfbcf819bb3d4a"), "name" : "Sarthak", "age" : 21, "gender" : "M" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4b"), "name" : "Pragati", "age" : 23, "gender" : "F" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4c"), "name" : "Indiana" }
{ "_id" : ObjectId("6254fb060e1a576cb5f16ffb"), "name" : "John", "age" : 63, "gender" : "M" }
{ "_id" : ObjectId("6254fb060e1a576cb5f16ffc"), "name" : "Anjali", "age" : 23, "gender" : "F" }
```

Using $and operator to display data which has age greater than equal to 20 and gender "M"

> db.Details.find({$and: [{age:{$gte:20}}, {gender: "M"}]});

```
> db.Details.find({$and: [{age:{$gte:20}}, {gender: "M"}]});
{ "_id" : ObjectId("624bbc6b23dfbcf819bb3d4a"), "name" : "Sarthak", "age" : 21, "gender" : "M" }
{ "_id" : ObjectId("6254fb060e1a576cb5f16ffb"), "name" : "John", "age" : 63, "gender" : "M" }
```

Using $or operator to display data which has age greater than equal to 25 and gender "M"

> db.Details.find({$or: [{age:{$gte:20}}, {gender: "M"}]});

```
> db.Details.find({$or: [{age:{$gte:25}}, {gender: "M"}]});
{ "_id" : ObjectId("624bbc6b23dfbcf819bb3d4a"), "name" : "Sarthak", "age" : 21, "gender" : "M" }
{ "_id" : ObjectId("6254fb060e1a576cb5f16ffb"), "name" : "John", "age" : 63, "gender" : "M" }
```