```
6
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.i2g1n.mon...
MongoDB Enterprise atlas-oac0p2-shard-0:PRIMARY> db.zipcodes.find<<$and:[{city:
ATLANTA">,{state:"GA">1>).pretty()
             "_id" : "30303",
"city" : "ATLANTA",
"loc" : [
                           -84.388846,
33.752504
             ],
"pop" : 1845,
"state" : "GA"
             "_id" : "30305",
"city" : "ATLANTA",
"loc" : [
                           -84.385145,
33.831963
             ],
"pop" : 19122,
"state" : "GA"
             ],
"pop" : 20081,
"state" : "GA"
             "_id" : "30307",
"city" : "ATLANTA",
"loc" : [
                           -84.335957,
33.769138
             ],
"pop" : 16330,
"state" : "GA"
             "_id" : "30308",
"city" : "ATLANTA",
"loc" : [
                           -84.375744,
33.771839
             ],
"pop" : 8549,
"state" : "GA"
             "_id" : "30309",
"city" : "ATLANTA",
"loc" : [
                           -84.388338.
```

```
■ C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.i2q1n.mon... - □ ■ ×
MongoDB Enterprise atlas-oac0p2-shard-0:PRIMARY> db.zipcodes.aggregate<<$match:{
$and:[<city:"ATLANTA">,{state:"GA">1>>>.pretty()
              "_id" : "30303",
"city" : "ATLANTA",
"loc" : [
                            -84.388846.
33.752504
             ],
"pop" : 1845,
"state" : "GA"
             "_id" : "30305",
"city" : "ATLANTA",
"loc" : [
                            -84.385145,
                            33.831963
             ],
"pop" : 19122,
"state" : "GA"
             "_id" : "30306",
"city" : "ATLANTA",
"loc" : [
                            -84.351418,
33.786027
             ],
"pop" : 20081,
"state" : "GA"
              "_id" : "30307",
"city" : "ATLANTA",
"loc" : [
                            -84.335957,
33.769138
              ],
"pop" : 16330,
"state" : "GA"
              "_id" : "30308",
"city" : "ATLANTA",
"loc" : [
                            -84.375744,
33.771839
             ],
"pop" : 8549,
"state" : "GA"
              "_id" : "30309",
"city" : "ATLANTA",
"loc" : [
                            -84.388338,
```

```
MongoDB Enterprise atlas-oac0p2-shard-0:PRIMARY> db.zipcodes.aggregate([($match: Kcity:"ATLANTA">>>,($group:(_id:"$city",count:($sum:"$pop">>>))
{ "_id" : "ATLANTA", "count" : 630046 >
MongoDB Enterprise atlas-oac0p2-shard-0:PRIMARY> _
```

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.i2q1n.mon...
MongoDB Enterprise atlas-oac0p2-shard-0:PRIMARY> db.zipcodes.aggregate<[{$group:__
     {state: "$state"},pop:{$sum: "$pop"}}}]).pretty()
             "state
                                 "pop
                                 "pop"
                                 "pop"
             "state"
                                 "pop"
             "state"
             "state"
                                 "pop"
                                 "pop"
             "state"
                        "OK"
                       חשיי
             "state"
                                 "pop"
                                 "pop"
             "state"
                        "2D"
                                 "pop"
             "state"
                                 'pop"
             "state"
                                "pop"
             "state"
                                 "pop"
             "state"
                                 "pop"
             "state"
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             "state"
                                 "pop"
             "state"
             "state"
                                 "pop"
             "state"
                                 "pop"
                                 "gop"
             "state
                                 "pop"
             "state
                                 "pop"
             "state"
     "it" for more
MongoDB Enterprise at las-oac@p2-shard-0:PRIMARY> _
```

```
B
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.i2q1n.mon...
        Enterprise atlas-oac0p2-shard-0:PRIMARY> db.zipcodes.aggregate([{$group:
    :{state:"$state">,pop:{$sum:"$pop">>>,{$sort:{pop:-1>>1}.pretty()
             "state
                                 "pop
                                 "pop"
             "state"
                                 "pop"
             "state"
                                 "pop"
                        "FL
             "state"
             "state"
                        "PA"
                                 "pop"
                        "IL"
                                 "pop"
             "state"
                        "OH"
                                 "pop"
             "state"
             "state"
                                 "pop"
             "state"
                                 "pop"
                                 "pop"
             "state"
                        "GA"
                                 "pop"
             "state"
                        "'UA'"
                                 "pop"
             "state"
                                 "pop"
             "state"
             "state"
                                 "pop"
             "state"
                                 "pop"
                                 "pop"
             "state"
                                 "pop"
             "state"
                                 "pop"
             "state"
                        **********
                                         4866692
                                 "pop"
             "state"
                        "'MD'"
             "state"
                                 "pop"
     "it" for more
        Enterprise atlas-oac@p2-shard-0:PRIMARY>
```

```
MongoDB Enterprise atlas-oac@p2-shard-0:PRIMARY> db.zipcodes.aggregate([($group: (_id:(state:"$state"),pop:($sun:"$pop">>>,($sort:(pop:-1>>,($limit:3>1)) ( "_id" : ( "state" : "CR" ) , "pop" : 17990402 > ( "_id" : ( "state" : "NY" > , "pop" : 16984601 > MongoDB Enterprise atlas-oac@p2-shard-0:PRIMARY> _
```

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.i2q1n.mon...
                   atlas-oac0p2-shard-0:PRIMARY> db.zipcodes.aggregate([{$group:
  id:{city:"$city",state:"$state">,totpop:{$sum:"$pop">>>}}
            "city"
                                   "state" :
                                                      "totpop" : 88025 }
            "city"
                                                              "totpop"
                                                                         6802 >
            "city"
                                      "state"
                                                         "totpop"
                                                        "totpop"
            "city"
            "city"
                                                         "totpop"
            "city"
                                                      "totpop"
            "city"
                                                       "totpop"
            "city"
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            "city"
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                                                      "totpop"
            "city"
            "city"
                                                   "totpop"
                                                     "totpop"
            "city"
                                                  "totpop" :
            "city"
            "city"
            "city"
                                                     "totpop"
                                                             "totpop"
            "city"
                                                        "totpop"
            "city"
                                                        "totpop"
            "city"
                                       "state"
                                                        ), "totpop"
            "city"
                      "BERRYUILLE", "state" : "AR" >,
                                                       "totpop"
    "it" for more
MongoDB Enterprise atlas-oac@p2-shard-0:PRIMARY>
```

```
C:\Windows\System32\cmd.exe - mongo "mongodb+snr://cluster0.i2q1n.mon...
       Enterprise atlas-oacOp2-shard-0:PRIMARY> db.zipcodes.aggregate([{$group:
 id:{city:"$city"},totpop:{$sum:"$pop"}}},{$sort:{totpop:-1}}]
                                   "totpop"
            "city"
                                    "totpop"
                                   "totpop"
            "city"
                                       "totpop"
            "city"
                                        "totpop"
            "city":
                                    "totpop"
            "city":
                                 "totpop"
            "city" :
                                     "totpop"
            "city":
                                  "totpop"
            "city"
                                   "totpop"
            "city"
                                   "totpop"
            "city"
                                 "totpop" :
            "city"
                                    "totpop"
            "city" :
                                    "totpop"
            "city"
                                       "totpop"
                                      "totpop
            "city"
            "city"
                                     "totpop
            "city"
                                        "totpop"
                                         "totpop"
            "city" :
            "city"
                     "CLEUELAND" >, "totpop" : 687451 >
    "it" for more
MongoDB Enterprise atlas-oacOp2-shard-0:PRIMARY> _
```

```
MongoDB Enterprise atlas-oac0p2-shard-0:PRIMARY> db.zipcodes.aggregate([{$match: Actate:"TX">>>,{$group:{_id:{city:"$city">,totpop:{$sun:"$pop">>>,{$sort:{totpop:_{-1}>,{$limit:3}};};
{"_id": { "city": "HOUSION" >, "totpop": 940191 >
{"_id": { "city": "BALLAS" >, "totpop": 811792 >
MongoDB Enterprise atlas-oac0p2-shard-0:PRIMARY> _
```

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.i2q1n.mon...
        Enterprise atlas-pac0p2-shard-0:PRIMARY> db.zipcodes.aggregate([{$group: __
                       ,avgpop:{$avg:"$pop"}}}]).pretty()
             "state"
                                 "avgpop
                                 "avgpop
             "state"
                        "ОН
             "state"
                        "SC"
                                 "avgpop"
             "state"
                                 "avgpop"
                                 "avgpop
             "state"
                                 "avgpop"
             "state"
                        "TN"
                                 "avgpop"
             "state"
                                 "avgpop
             "state"
                        "DC"
                        "IL"
             "state"
                                 "avgpop"
                        THIT
                                 "avgpop"
             "state"
             "state"
                                 "avgpop"
             "state"
                                 "avgpop"
                                 "avgpop"
                        "MD"
             "state"
                        "CO"
                                 "avgpop"
             "state"
                        "TD"
                                 "avgpop"
             "state"
                        THE PERSON NAMED IN
             "state"
                                 "avgpop"
             "state"
                        "CA"
                                 "avgpop"
             "state"
                        "CT"
                                 "avgpop"
                                 "avgpop"
             "state"
                                 "avgpop"
                        adda.
             "state"
                                             2733.454268292683
          for more
MongoDB Enterprise atlas-oac0p2-shard-0:PRIMARY>
```