

# MongoDB-Assignment Aggregation

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1. `db.zipcodes.find({city:'ATLANTA',state:'GA'})`
2. `db.zipcodes.aggregate([{$match:{city:'ATLANTA',state:'GA'}}])`
3. `db.zipcodes.aggregate([{$match:{city:"ATLANTA"}},{$group:{_id:"$city",count:{$sum:1}}})`
4. `db.zipcodes.aggregate([{$match:{city:"ATLANTA"}},{$group:{_id:"$city",total:{$sum:'$pop'}}})`
5. `db.zipcodes.aggregate([{$group:{_id:"$state",total:{$sum:'$pop'}}})`
6. `db.zipcodes.aggregate([{$group:{_id:"$state",total:{$sum:"$pop"}}},{$sort:{total:-1}}])`
7. `db.zipcodes.aggregate([{$group:{_id:"$state",total:{$sum:"$pop"}}},{$sort:{total:-1}},{$limit:3})`
8. `db.zipcodes.aggregate([{$group:{_id:{city:"$city",state:"$state",total:{$sum:"$pop"}}}}])`
9. `db.zipcodes.aggregate([{$group:{_id:city:"$city",statestate:"$state",Tot_pop:{$sum:"$pop"}}},{$sort:{_id.Tot_pop:-1}}])`
10. `db.zipcodes.aggregate([{$group:{_id:city:"$city",statestate:"$state",Tot_pop:{$sum:"$pop"}}},{$sort:{_id.Tot_pop:-1}},{$limit:3})`
11. `db.zipcodes.aggregate([{$group:{_id:city:"$city",state:"$state",Tot_pop:{$sum:"$pop"}}},{$sort:{_id.Tot_pop:-1}},{$limit:3})`
12. `db.zipcodes.aggregate([{$group:{_id:{state:'$state',city:'$city'},pop:{$sum:'$pop'}}},{$group:{_id:'$state',avg:{$avg:'$pop'}}})`
13. `db.zipcodes.aggregate([{$group:{_id:{state:'$state',city:'$city'},pop:{$sum:'$pop'}}},{$group:{_id:'$state',avg:{$avg:'$pop'}}},{$sort:{avg:-1}},{$limit:3})`