use population

'switched to db population'

db.zipcodes.find()

{ \_id: '01001',

city: 'AGAWAM',

loc: [ -72.622739, 42.070206 ],

pop: 15338,

state: 'MA' }

{ \_id: '01002',

city: 'CUSHMAN',

loc: [ -72.51565, 42.377017 ],

pop: 36963,

state: 'MA' }

{ \_id: '01005',

city: 'BARRE',

loc: [ -72.108354, 42.409698 ],

pop: 4546,

state: 'MA' }

{ \_id: '01007',

city: 'BELCHERTOWN',

loc: [ -72.410953, 42.275103 ],

pop: 10579,

state: 'MA' }

{ \_id: '01008',

city: 'BLANDFORD',

loc: [ -72.936114, 42.182949 ],

pop: 1240,

state: 'MA' }

{ \_id: '01010',

city: 'BRIMFIELD',

loc: [ -72.188455, 42.116543 ],

pop: 3706,

state: 'MA' }

{ \_id: '01011',

city: 'CHESTER',

loc: [ -72.988761, 42.279421 ],

pop: 1688,

state: 'MA' }

{ \_id: '01012',

city: 'CHESTERFIELD',

loc: [ -72.833309, 42.38167 ],

pop: 177,

state: 'MA' }

{ \_id: '01013',

city: 'CHICOPEE',

loc: [ -72.607962, 42.162046 ],

pop: 23396,

state: 'MA' }

{ \_id: '01020',

city: 'CHICOPEE',

loc: [ -72.576142, 42.176443 ],

pop: 31495,

state: 'MA' }

{ \_id: '01022',

city: 'WESTOVER AFB',

loc: [ -72.558657, 42.196672 ],

pop: 1764,

state: 'MA' }

{ \_id: '01026',

city: 'CUMMINGTON',

loc: [ -72.905767, 42.435296 ],

pop: 1484,

state: 'MA' }

{ \_id: '01027',

city: 'MOUNT TOM',

loc: [ -72.679921, 42.264319 ],

pop: 16864,

state: 'MA' }

{ \_id: '01028',

city: 'EAST LONGMEADOW',

loc: [ -72.505565, 42.067203 ],

pop: 13367,

state: 'MA' }

{ \_id: '01030',

city: 'FEEDING HILLS',

loc: [ -72.675077, 42.07182 ],

pop: 11985,

state: 'MA' }

{ \_id: '01031',

city: 'GILBERTVILLE',

loc: [ -72.198585, 42.332194 ],

pop: 2385,

state: 'MA' }

{ \_id: '01032',

city: 'GOSHEN',

loc: [ -72.844092, 42.466234 ],

pop: 122,

state: 'MA' }

{ \_id: '01033',

city: 'GRANBY',

loc: [ -72.520001, 42.255704 ],

pop: 5526,

state: 'MA' }

{ \_id: '01034',

city: 'TOLLAND',

loc: [ -72.908793, 42.070234 ],

pop: 1652,

state: 'MA' }

{ \_id: '01035',

city: 'HADLEY',

loc: [ -72.571499, 42.36062 ],

pop: 4231,

state: 'MA' }

Type "it" for more

db.zipcodes.find({$and:[{"city":"ATLANTA"},{"state":"GA"}]})

{ \_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, 33.798407 ],

pop: 14766,

state: 'GA' }

{ \_id: '30310',

city: 'ATLANTA',

loc: [ -84.423173, 33.727849 ],

pop: 34017,

state: 'GA' }

{ \_id: '30311',

city: 'ATLANTA',

loc: [ -84.470219, 33.722957 ],

pop: 34880,

state: 'GA' }

{ \_id: '30312',

city: 'ATLANTA',

loc: [ -84.378125, 33.746749 ],

pop: 17683,

state: 'GA' }

{ \_id: '30313',

city: 'ATLANTA',

loc: [ -84.39352, 33.76825 ],

pop: 8038,

state: 'GA' }

{ \_id: '30314',

city: 'ATLANTA',

loc: [ -84.425546, 33.756103 ],

pop: 26649,

state: 'GA' }

{ \_id: '30315',

city: 'ATLANTA',

loc: [ -84.380771, 33.705062 ],

pop: 41061,

state: 'GA' }

{ \_id: '30316',

city: 'ATLANTA',

loc: [ -84.333913, 33.721686 ],

pop: 34668,

state: 'GA' }

{ \_id: '30317',

city: 'ATLANTA',

loc: [ -84.31685, 33.749788 ],

pop: 16395,

state: 'GA' }

{ \_id: '30318',

city: 'ATLANTA',

loc: [ -84.445432, 33.786454 ],

pop: 53894,

state: 'GA' }

{ \_id: '30319',

city: 'ATLANTA',

loc: [ -84.335091, 33.868728 ],

pop: 32138,

state: 'GA' }

{ \_id: '30324',

city: 'ATLANTA',

loc: [ -84.354867, 33.820609 ],

pop: 15044,

state: 'GA' }

{ \_id: '30326',

city: 'ATLANTA',

loc: [ -84.358232, 33.848168 ],

pop: 125,

state: 'GA' }

{ \_id: '30327',

city: 'ATLANTA',

loc: [ -84.419966, 33.862723 ],

pop: 18467,

state: 'GA' }

{ \_id: '30329',

city: 'ATLANTA',

loc: [ -84.321402, 33.823555 ],

pop: 17013,

state: 'GA' }

Type "it" for more

db.zipcodes.aggregate({$match:{"city":"ATLANTA"}},{$group:{\_id:{"pop":"$pop"}}},{$count:"total"})

{ total: 41 }

db.zipcodes.aggregate({$match:{"city":"ATLANTA"}},{$count:"total"})

{ total: 41 }

db.zipcodes.aggregate({$group:{\_id:{"city":"$city","state:$state"},"average":{$avg:"$pop"}}},{$sort:{"average":-1}},{$limit:3})

**[SyntaxError:](file:///C:/Users/PRADEEPS/AppData/Local/MongoDBCompass/app-1.26.1/resources/app.asar/src/app/index.html)** Unexpected token (1:65)

> 1 | db.zipcodes.aggregate({$group:{\_id:{"city":"$city","state:$state"},"average":{$avg:"$pop"}}},{$sort:{"average":-1}},{$limit:3})

| ^

db.zipcodes.aggregate({$group:{\_id:{"city":"$city","state":"$state"},"average":{$avg:"$pop"}}},{$sort:{"average":-1}},{$limit:3})

{ \_id: { city: 'BELL GARDENS', state: 'CA' }, average: 99568 }

{ \_id: { city: 'NORWALK', state: 'CA' }, average: 94188 }

{ \_id: { city: 'ARLETA', state: 'CA' }, average: 88114 }

db.zipcodes.aggregate({$group:{\_id:{"state":"$state"},"average":{$avg:"$pop"}}},{$sort:{"average":-1}},{$limit:3})

{ \_id: { state: 'DC' }, average: 25287.5 }

{ \_id: { state: 'CA' }, average: 19627.236147757256 }

{ \_id: { state: 'FL' }, average: 15779.407960199005 }

db.zipcodes.aggregate({$group:{\_id:{"state":"$state","city":"$city"},"average":{$avg:"$pop"}}},{$sort:{"average":-1}},{$limit:3})

{ \_id: { state: 'CA', city: 'BELL GARDENS' }, average: 99568 }

{ \_id: { state: 'CA', city: 'NORWALK' }, average: 94188 }

{ \_id: { state: 'CA', city: 'ARLETA' }, average: 88114 }

db.zipcodes.aggregate({$group:{\_id:{"city":"$city"},"average":{$avg:"$pop"}}},{$sort:{"average":-1}},{$limit:3})

{ \_id: { city: 'BELL GARDENS' }, average: 99568 }

{ \_id: { city: 'ARLETA' }, average: 88114 }

{ \_id: { city: 'SOUTH GATE' }, average: 87026 }

db.zipcodes.aggregate({$match:{"city":"ATLANTA"}},{$match:{"state":"GA"}})

{ \_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, 33.798407 ],

pop: 14766,

state: 'GA' }

{ \_id: '30310',

city: 'ATLANTA',

loc: [ -84.423173, 33.727849 ],

pop: 34017,

state: 'GA' }

{ \_id: '30311',

city: 'ATLANTA',

loc: [ -84.470219, 33.722957 ],

pop: 34880,

state: 'GA' }

{ \_id: '30312',

city: 'ATLANTA',

loc: [ -84.378125, 33.746749 ],

pop: 17683,

state: 'GA' }

{ \_id: '30313',

city: 'ATLANTA',

loc: [ -84.39352, 33.76825 ],

pop: 8038,

state: 'GA' }

{ \_id: '30314',

city: 'ATLANTA',

loc: [ -84.425546, 33.756103 ],

pop: 26649,

state: 'GA' }

{ \_id: '30315',

city: 'ATLANTA',

loc: [ -84.380771, 33.705062 ],

pop: 41061,

state: 'GA' }

{ \_id: '30316',

city: 'ATLANTA',

loc: [ -84.333913, 33.721686 ],

pop: 34668,

state: 'GA' }

{ \_id: '30317',

city: 'ATLANTA',

loc: [ -84.31685, 33.749788 ],

pop: 16395,

state: 'GA' }

{ \_id: '30318',

city: 'ATLANTA',

loc: [ -84.445432, 33.786454 ],

pop: 53894,

state: 'GA' }

{ \_id: '30319',

city: 'ATLANTA',

loc: [ -84.335091, 33.868728 ],

pop: 32138,

state: 'GA' }

{ \_id: '30324',

city: 'ATLANTA',

loc: [ -84.354867, 33.820609 ],

pop: 15044,

state: 'GA' }

{ \_id: '30326',

city: 'ATLANTA',

loc: [ -84.358232, 33.848168 ],

pop: 125,

state: 'GA' }

{ \_id: '30327',

city: 'ATLANTA',

loc: [ -84.419966, 33.862723 ],

pop: 18467,

state: 'GA' }

{ \_id: '30329',

city: 'ATLANTA',

loc: [ -84.321402, 33.823555 ],

pop: 17013,

state: 'GA' }

Type "it" for more

db.zipcodes.aggregate({$group:{\_id:{"state":"$state"},"total":{$sum:"$pop"}}},{$sort:{total:-1}})

{ \_id: { state: 'CA' }, total: 29754890 }

{ \_id: { state: 'NY' }, total: 17990402 }

{ \_id: { state: 'TX' }, total: 16984601 }

{ \_id: { state: 'FL' }, total: 12686644 }

{ \_id: { state: 'PA' }, total: 11881643 }

{ \_id: { state: 'IL' }, total: 11427576 }

{ \_id: { state: 'OH' }, total: 10846517 }

{ \_id: { state: 'MI' }, total: 9295297 }

{ \_id: { state: 'NJ' }, total: 7730188 }

{ \_id: { state: 'NC' }, total: 6628637 }

{ \_id: { state: 'GA' }, total: 6478216 }

{ \_id: { state: 'VA' }, total: 6181479 }

{ \_id: { state: 'MA' }, total: 6016425 }

{ \_id: { state: 'IN' }, total: 5544136 }

{ \_id: { state: 'MO' }, total: 5110648 }

{ \_id: { state: 'WI' }, total: 4891769 }

{ \_id: { state: 'TN' }, total: 4876457 }

{ \_id: { state: 'WA' }, total: 4866692 }

{ \_id: { state: 'MD' }, total: 4781379 }

{ \_id: { state: 'MN' }, total: 4372982 }

Type "it" for more

db.zipcodes.aggregate({$group:{\_id:{"state":"$state"},"total":{$sum:"$pop"}}})

{ \_id: { state: 'DE' }, total: 666168 }

{ \_id: { state: 'SC' }, total: 3486703 }

{ \_id: { state: 'TN' }, total: 4876457 }

{ \_id: { state: 'MS' }, total: 2573216 }

{ \_id: { state: 'OH' }, total: 10846517 }

{ \_id: { state: 'WI' }, total: 4891769 }

{ \_id: { state: 'MT' }, total: 798948 }

{ \_id: { state: 'ID' }, total: 1006749 }

{ \_id: { state: 'UT' }, total: 1722850 }

{ \_id: { state: 'SD' }, total: 695397 }

{ \_id: { state: 'VT' }, total: 562758 }

{ \_id: { state: 'WA' }, total: 4866692 }

{ \_id: { state: 'OK' }, total: 3145585 }

{ \_id: { state: 'HI' }, total: 1108229 }

{ \_id: { state: 'GA' }, total: 6478216 }

{ \_id: { state: 'RI' }, total: 1003218 }

{ \_id: { state: 'NC' }, total: 6628637 }

{ \_id: { state: 'AL' }, total: 4040587 }

{ \_id: { state: 'AR' }, total: 2350725 }

{ \_id: { state: 'NV' }, total: 1201833 }

Type "it" for more

db.zipcodes.aggregate({$group:{\_id:{"state":"$state"},"total":{$sum:"$pop"}}},{$sort:{"total":-1}},{$limit:3})

{ \_id: { state: 'CA' }, total: 29754890 }

{ \_id: { state: 'NY' }, total: 17990402 }

{ \_id: { state: 'TX' }, total: 16984601 }

db.zipcodes.aggregate({$group:{\_id:{"city":"$city","state":"$state"},"total":{$sum:"$pop"}}},{$sort:{"total":-1}},{$limit:3})

{ \_id: { city: 'CHICAGO', state: 'IL' }, total: 2452177 }

{ \_id: { city: 'BROOKLYN', state: 'NY' }, total: 2300504 }

{ \_id: { city: 'LOS ANGELES', state: 'CA' }, total: 2102295 }

db.zipcodes.aggregate({$group:{\_id:{"city":"$city","state":"$state"},"total":{$sum:"$pop"}}},{$sort:{"total":-1}})

{ \_id: { city: 'CHICAGO', state: 'IL' }, total: 2452177 }

{ \_id: { city: 'BROOKLYN', state: 'NY' }, total: 2300504 }

{ \_id: { city: 'LOS ANGELES', state: 'CA' }, total: 2102295 }

{ \_id: { city: 'HOUSTON', state: 'TX' }, total: 2095918 }

{ \_id: { city: 'PHILADELPHIA', state: 'PA' }, total: 1610956 }

{ \_id: { city: 'NEW YORK', state: 'NY' }, total: 1476790 }

{ \_id: { city: 'BRONX', state: 'NY' }, total: 1209548 }

{ \_id: { city: 'SAN DIEGO', state: 'CA' }, total: 1049298 }

{ \_id: { city: 'DETROIT', state: 'MI' }, total: 963243 }

{ \_id: { city: 'DALLAS', state: 'TX' }, total: 940191 }

{ \_id: { city: 'PHOENIX', state: 'AZ' }, total: 890853 }

{ \_id: { city: 'MIAMI', state: 'FL' }, total: 825232 }

{ \_id: { city: 'SAN JOSE', state: 'CA' }, total: 816653 }

{ \_id: { city: 'SAN ANTONIO', state: 'TX' }, total: 811792 }

{ \_id: { city: 'BALTIMORE', state: 'MD' }, total: 733081 }

{ \_id: { city: 'SAN FRANCISCO', state: 'CA' }, total: 723993 }

{ \_id: { city: 'MEMPHIS', state: 'TN' }, total: 632837 }

{ \_id: { city: 'SACRAMENTO', state: 'CA' }, total: 628279 }

{ \_id: { city: 'JACKSONVILLE', state: 'FL' }, total: 610160 }

{ \_id: { city: 'ATLANTA', state: 'GA' }, total: 609591 }

Type "it" for more

db.zipcodes.aggregate({$group:{\_id:{"city":"$city","state":"$state"},"total":{$sum:"$pop"}}},{$match:{"\_id.state":"TX"}},{$sort:{"total":-1}},{$limit:3})

{ \_id: { city: 'HOUSTON', state: 'TX' }, total: 2095918 }

{ \_id: { city: 'DALLAS', state: 'TX' }, total: 940191 }

{ \_id: { city: 'SAN ANTONIO', state: 'TX' }, total: 811792 }