

MONGODB – Assignment -2

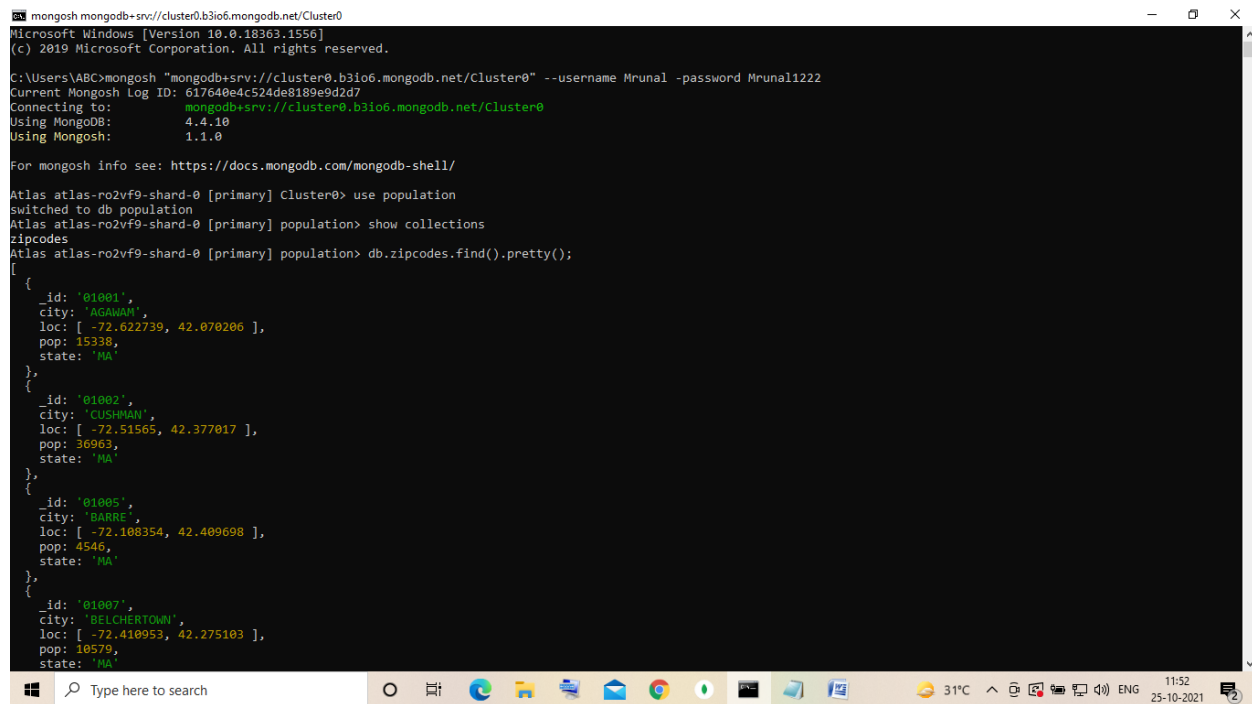
Connect with Compass app -> create a database -> enter db name(population) and collection name(zipcodes) ->create -> import data ->select JSON and browse the zip file(zips.json) -> import

```
C:\Users\ABC>mongosh "mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0" --username Mrunal -password Mrunal1222
```

use population

show collections

```
db.zipcodes.find().pretty();
```



```
mongosh mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0
Microsoft Windows [Version 10.0.18363.1556]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\ABC>mongosh "mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0" --username Mrunal -password Mrunal1222
Current Mongosh Log ID: 617640e4c524de8189e9d2d7
Connecting to:  mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0
Using MongoDB:  4.4.10
Using Mongosh:  1.1.0

For mongosh info see: https://docs.mongodb.com/mongodb-shell/

Atlas atlas-ro2vf9-shard-0 [primary] Cluster0> use population
Switched to db population
Atlas atlas-ro2vf9-shard-0 [primary] population> show collections
zipcodes
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.find().pretty();
[
  {
    _id: '01001',
    city: 'AGAWAH',
    loc: [ -72.622739, 42.070206 ],
    pop: 15338,
    state: 'HA'
  },
  {
    _id: '01002',
    city: 'CUSHMAN',
    loc: [ -72.51565, 42.377017 ],
    pop: 36963,
    state: 'HA'
  },
  {
    _id: '01005',
    city: 'BARRE',
    loc: [ -72.108354, 42.409698 ],
    pop: 4546,
    state: 'HA'
  },
  {
    _id: '01007',
    city: 'BELCHERTOWN',
    loc: [ -72.410953, 42.275103 ],
    pop: 10579,
    state: 'HA'
  }
]
```

Atlanta Population:-

```
mongosh mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.find({"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'
  },
]
```

```
mongosh mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0
Type "it" for more
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([{$match:{"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'
  },
]
```

```
mongosh mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0
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
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([{$group:{_id:{"city": "ATLANTA"},count:{$sum:1}}}}]);
[ { _id: { city: 'ATLANTA' }, count: 29353 } ]
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([{$group:{_id:{"city": "ATLANTA"},total:{$sum: "$pop"}}}}]);
[ { _id: { city: 'ATLANTA' }, total: 248408400 } ]
Atlas atlas-ro2vf9-shard-0 [primary] population> _
```

Use `db.zipcodes.find()` to filter results to only the results where city is ATLANTA and state is GA :-

```
db.zipcodes.find({"city":"ATLANTA","state":"GA"});
```

Use `db.zipcodes.aggregate` with `$match` to do the same as above :-

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

Use `$group` to count the number of zip codes in Atlanta :-

```
db.zipcodes.aggregate([{$group:{_id:{"city": "ATLANTA"},count:{$sum:1}}}}]);
```

Use `$group` to find the total population in Atlanta:-

```
db.zipcodes.aggregate([{$group:{_id:{"city":"ATLANTA"},total:{$sum:"$pop"}}}}]);
```

```
db.zipcodes.aggregate([{$match:{"city":"ATLANTA"}},{ $group: {_id:"$city",total:{$sum:"$pop"}}}}]);
```

Populations By State:-

```
mongosh mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0
{ "_id": "MO", totalPop: 5110648 },
{ "_id": "WY", totalPop: 453528 },
{ "_id": "MT", totalPop: 9295297 },
{ "_id": "ND", totalPop: 7730188 }
]
Type "it" for more
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate( [{ $group: { _id: "$state", totalPop: { $sum: "$pop" } } }, { $sort: { totalPop: -1 } } ] );
[
  { "_id": "CA", totalPop: 29754890 },
  { "_id": "NY", totalPop: 17990402 },
  { "_id": "TX", totalPop: 16984601 },
  { "_id": "FL", totalPop: 12686644 },
  { "_id": "PA", totalPop: 11881643 },
  { "_id": "IL", totalPop: 11427576 },
  { "_id": "OH", totalPop: 10846517 },
  { "_id": "MI", totalPop: 9295297 },
  { "_id": "ND", totalPop: 7730188 },
  { "_id": "NC", totalPop: 6628637 },
  { "_id": "GA", totalPop: 6478216 },
  { "_id": "VA", totalPop: 6181479 },
  { "_id": "MA", totalPop: 6016425 },
  { "_id": "IN", totalPop: 5544136 },
  { "_id": "MO", totalPop: 5110648 },
  { "_id": "WI", totalPop: 4891769 },
  { "_id": "NV", totalPop: 4876457 },
  { "_id": "WA", totalPop: 4866692 },
  { "_id": "ID", totalPop: 4781379 },
  { "_id": "MN", totalPop: 4372982 }
]
Type "it" for more
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate( [{ $group: { _id: "$state", totalPop: { $sum: "$pop" } } }, { $sort: { totalPop: -1 } } ], { $limit: 3 } )
Atlas atlas-ro2vf9-shard-0 [primary] population>
[
  { "_id": "CA", totalPop: 29754890 },
  { "_id": "NY", totalPop: 17990402 },
  { "_id": "TX", totalPop: 16984601 }
]
```

Use aggregate to calculate the total population for each state :-

```
db.zipcodes.aggregate( [{ $group: { _id: "$state", totalPop: { $sum: "$pop" } } } ] );
```

Sort the results by population, highest first:-

```
db.zipcodes.aggregate( [{ $group: { _id: "$state", totalPop: { $sum: "$pop" } } }, { $sort: { totalPop: -1 } } ] );
```

Limit the results to just the first 3 results. What are the top 3 states in population? :-

```
db.zipcodes.aggregate( [{ $group: { _id: "$state", totalPop: { $sum: "$pop" } } }, { $sort: { totalPop: -1 } } ], { $limit: 3 } );
```

Populations by City :-

```
mongosh mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate( [{ $group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } }, { $group: { _id: "$_id.state", CityPop: { $sum: "$pop" } } } ] );
[
  { _id: 'KY', CityPop: 3675484 },
  { _id: 'AZ', CityPop: 3665228 },
  { _id: 'NV', CityPop: 1201833 },
  { _id: 'NH', CityPop: 1109252 },
  { _id: 'CO', CityPop: 3293755 },
  { _id: 'DC', CityPop: 606900 },
  { _id: 'ND', CityPop: 7730188 },
  { _id: 'MI', CityPop: 9295297 },
  { _id: 'MO', CityPop: 5110648 },
  { _id: 'TX', CityPop: 16984601 },
  { _id: 'CT', CityPop: 3287116 },
  { _id: 'WY', CityPop: 453528 },
  { _id: 'TN', CityPop: 4876457 },
  { _id: 'MA', CityPop: 6016425 },
  { _id: 'UT', CityPop: 1722850 },
  { _id: 'ND', CityPop: 4781379 },
  { _id: 'ID', CityPop: 1006749 },
  { _id: 'MT', CityPop: 798948 },
  { _id: 'DE', CityPop: 666168 },
  { _id: 'AL', CityPop: 4040587 }
]
Type "it" for more
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate( [{ $group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } }, { $group: { _id: "$_id.state", CityPop: { $sum: "$pop" } } }, { $sort: { CityPop: -1 } } ] );
[
  { _id: 'CA', CityPop: 29754890 },
  { _id: 'NV', CityPop: 17990402 },
  { _id: 'TX', CityPop: 16984601 },
  { _id: 'FL', CityPop: 12686644 },
  { _id: 'PA', CityPop: 11881643 },
  { _id: 'IL', CityPop: 11427576 },
  { _id: 'OH', CityPop: 10846517 },
  { _id: 'MI', CityPop: 9295297 },
  { _id: 'ND', CityPop: 7730188 },
  { _id: 'NC', CityPop: 6628637 },
  { _id: 'GA', CityPop: 6478216 },
  { _id: 'VA', CityPop: 6181479 },
  { _id: 'MA', CityPop: 6016425 },
  { _id: 'IN', CityPop: 5544136 },
  { _id: 'MO', CityPop: 5110648 },
  { _id: 'WI', CityPop: 4891769 }
]
```

```
mongosh mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0
[
  { _id: 'WA', CityPop: 4866692 },
  { _id: 'ND', CityPop: 4781379 },
  { _id: 'MN', CityPop: 4372982 }
]
Type "it" for more
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate( [{ $group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } }, { $group: { _id: "$_id.state", CityPop: { $sum: "$pop" } } }, { $sort: { CityPop: -1 } }, { $limit: 3 } ] );
[
  { _id: 'CA', CityPop: 29754890 },
  { _id: 'NV', CityPop: 17990402 },
  { _id: 'TX', CityPop: 16984601 }
]
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.find({"state": "Texas"});
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.find({"city": "Texas"});
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate({$group: {_id: {"state": "Texas", city: "$city"}, pop: {$sum: "$pop"}}, {$sort: {CityPop: -1}}, {$limit: 3});
Uncaught:
SyntaxError: Unexpected token, expected ",", (1:62)
> 1 | db.zipcodes.aggregate({$group: {_id: {"state": "Texas", city: "$city"}, pop: {$sum: "$pop"}}, {$sort: {CityPop: -1}}, {$limit: 3});
  2 |
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate({$group: {_id: {"state": "Texas", city: "$city"}, pop: {$sum: "$pop"}}, {$sort: {CityPop: -1}}, {$limit: 3});
Uncaught:
SyntaxError: Unexpected token, expected ",", (1:117)
> 1 | db.zipcodes.aggregate({$group: {_id: {"state": "Texas", city: "$city"}, pop: {$sum: "$pop"}}, {$sort: {CityPop: -1}}, {$limit: 3});
  2 |
Atlas atlas-ro2vf9-shard-0 [primary] population>
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate({$group: {_id: {"state": "Texas", city: "$city"}, pop: {$sum: "$pop"}}, {$sort: {CityPop: -1}}, {$limit: 3});
[
  { _id: { state: 'Texas', city: 'INDIAN VALLEY' }, pop: 690 },
  { _id: { state: 'Texas', city: 'BREMER' }, pop: 10870 },
  { _id: { state: 'Texas', city: 'ROBBINS' }, pop: 16154 }
]
Atlas atlas-ro2vf9-shard-0 [primary] population>
```

Use aggregate to calculate the total population for each city (you have to use city/state combination). You can use a combination for the id of the \$group: { city: '\$city', state: '\$state' }:-

```
db.zipcodes.aggregate( [{ $group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } }, { $group: { _id: "$_id.state", CityPop: { $sum: "$pop" } } } ] );
```

Sort the results by population, highest first:-

```
db.zipcodes.aggregate( [{ $group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } }, { $group: { _id: "$_id.state", CityPop: { $sum: "$pop" } } } ], { $sort: { CityPop: -1 } } );
```

Limit the results to just the first 3 results. What are the top 3 cities in population? :-

```
db.zipcodes.aggregate( [{ $group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } }, { $group: { _id: "$_id.state", CityPop: { $sum: "$pop" } } } ], { $sort: { CityPop: -1 }, { $limit: 3 } } );
```

What are the top 3 cities in population in Texas? :-

```
db.zipcodes.aggregate([ { $match: { state: "TX" } }, { $group: { _id: "$city", pop: { $max: "$pop" } } }, { $sort: { pop: -1 }, { $limit: 3 } } ] );
```

```
db.zipcodes.aggregate([ { $group: { _id: { state: "Texas", city: "$city" }, pop: { $max: "$pop" } } }, { $sort: { pop: -1 }, { $limit: 3 } } ] );
```

Bonus :-

```
mongosh mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0
{ "_id": { "city": "SAN FRANCISCO", "state": "CA" }, "population": 723993 },
{ "_id": { "city": "MEMPHIS", "state": "TN" }, "population": 632837 },
{ "_id": { "city": "SACRAMENTO", "state": "CA" }, "population": 628279 },
{ "_id": { "city": "JACKSONVILLE", "state": "FL" }, "population": 618168 },
{ "_id": { "city": "ATLANTA", "state": "GA" }, "population": 609591 }
}
Type "it" for more
Atlas atlas-ro2vf9-shard-0 [primary] population>
[ { "_id": { "city": "ATLANTA", "state": "GA" }, "total": 248408400 } ]
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([{$match:{city:"ATLANTA"}},{ $group:{_id:"$city",total:{$sum:"$pop"}}}]);
[ { "_id": "ATLANTA", "total": 630046 } ]
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([ { $group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } }, { $group: { _id:
"$_id.state", avgCityPop: { $avg: "$pop" } } } ] );
[
  { "_id": "MI", "avgCityPop": 12087.512353706112 },
  { "_id": "SD", "avgCityPop": 1839.6746831746031 },
  { "_id": "KS", "avgCityPop": 3819.884259259259 },
  { "_id": "ND", "avgCityPop": 15775.89387755102 },
  { "_id": "WY", "avgCityPop": 3384.5373134328356 },
  { "_id": "TX", "avgCityPop": 13775.02108678021 },
  { "_id": "MO", "avgCityPop": 5672.195338512764 },
  { "_id": "CT", "avgCityPop": 14674.625 },
  { "_id": "ME", "avgCityPop": 3006.4901968784314 },
  { "_id": "AZ", "avgCityPop": 20591.16853932584 },
  { "_id": "KY", "avgCityPop": 4767.164721141375 },
  { "_id": "DC", "avgCityPop": 303450 },
  { "_id": "CO", "avgCityPop": 9981.075757575758 },
  { "_id": "AL", "avgCityPop": 7907.2152641878665 },
  { "_id": "HI", "avgCityPop": 15831.842857142858 },
  { "_id": "WI", "avgCityPop": 7323.00748582994 },
  { "_id": "TN", "avgCityPop": 9656.350495849584 },
  { "_id": "MT", "avgCityPop": 2593.987012987013 },
  { "_id": "MA", "avgCityPop": 14855.37037037037 },
  { "_id": "MD", "avgCityPop": 12615.775725593667 }
]
Type "it" for more
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([ { $group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } }, { $group: { _id:
"$_id.state", avgCityPop: { $avg: "$pop" } } }, { $sort: { avgCityPop: -1 }, { $limit: 3 } } ] );
[
  { "_id": "DC", "avgCityPop": 303450 },
  { "_id": "CA", "avgCityPop": 27756.42723880597 },
  { "_id": "FL", "avgCityPop": 27400.958963282937 }
]
Atlas atlas-ro2vf9-shard-0 [primary] population>
```

1. Write a query to get the average city population for each state.

```
db.zipcodes.aggregate([ { $group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } }, { $group: { _id: "$_id.state", avgCityPop: { $avg: "$pop" } } } ] );
```

2. What are the top 3 states in terms of average city population.

```
db.zipcodes.aggregate([ { $group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } }, { $group: { _id: "$_id.state", avgCityPop: { $avg: "$pop" } } }, { $sort: { avgCityPop: -1 }, { $limit: 3 } } ] );
```

```
mongosh mongodb+srv://cluster0.b3io6.mongodb.net/Cluster0
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([{$group:{_id:{"city": "ATLANTA"},count:{$count: "$_id"}}}]);
MongoServerError: unknown group operator 'count'
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([{$group:{_id:{"city": "ATLANTA"},count:{$sum: "$_id"}}}]);
[ { _id: { city: 'ATLANTA' }, count: 0 } ]
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([{$group:{_id:{"city": "ATLANTA"},count:{$sum:1}}}]);
[ { _id: { city: 'ATLANTA' }, count: 29353 } ]
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([{$group:{_id:{"city": "ATLANTA"},total:{$sum:pop}}}]);
ReferenceError: pop is not defined
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([{$group:{_id:{"city": "ATLANTA"},total:{$sum:"$pop"}}}]);
[ { _id: { city: 'ATLANTA' }, total: 248408400 } ]
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([{$group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } },{$group: { _id: "$_id.state", avgCityPop: { $avg: "$pop" } } }]);
[ { _id: 'KS', avgCityPop: 3819.884259259259 },
  { _id: 'MI', avgCityPop: 12087.512353706112 },
  { _id: 'ND', avgCityPop: 15775.89387755102 },
  { _id: 'SD', avgCityPop: 1839.6746031746031 },
  { _id: 'TX', avgCityPop: 13775.02108678021 },
  { _id: 'CT', avgCityPop: 14674.625 },
  { _id: 'MO', avgCityPop: 5672.495338512764 },
  { _id: 'WY', avgCityPop: 3384.5373134328356 },
  { _id: 'ME', avgCityPop: 3006.4901960784314 },
  { _id: 'KY', avgCityPop: 4767.164721141375 },
  { _id: 'AZ', avgCityPop: 20591.16853932584 },
  { _id: 'DC', avgCityPop: 303450 },
  { _id: 'CO', avgCityPop: 9981.075757575758 },
  { _id: 'AL', avgCityPop: 7907.2152641878665 },
  { _id: 'HI', avgCityPop: 15831.842857142858 },
  { _id: 'WI', avgCityPop: 7323.00748502994 },
  { _id: 'MT', avgCityPop: 2593.987012987013 },
  { _id: 'PA', avgCityPop: 14855.37037037037 },
  { _id: 'UT', avgCityPop: 9510.508287292818 },
  { _id: 'ID', avgCityPop: 12615.775725593667 } ]
Type "it" for more
Atlas atlas-ro2vf9-shard-0 [primary] population> db.zipcodes.aggregate([{$group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } },{$group: { _id: "$_id.state", avgCityPop: { $avg: "$pop" } } },{$sort:{avgCityPop:-1}},{$limit:3}]);
[ { _id: 'DC', avgCityPop: 303450 },
  { _id: 'CA', avgCityPop: 27756.42723880597 },
  { _id: 'FL', avgCityPop: 27400.958963282937 } ]
Atlas atlas-ro2vf9-shard-0 [primary] population>
```

1. Write a query to get the average city population for each state.

```
db.zipcodes.aggregate([{$group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } },{$group: { _id: "$_id.state", avgCityPop: { $avg: "$pop" } } }]);
```

2. What are the top 3 states in terms of average city population.

```
db.zipcodes.aggregate([{$group: { _id: { state: "$state", city: "$city" }, pop: { $sum: "$pop" } } },{$group: { _id: "$_id.state", avgCityPop: { $avg: "$pop" } } },{$sort:{avgCityPop:-1}},{$limit:3}]);
```


MongoDB Compass - cluster0.b3io6.mongodb.net/population.zipcodes

Connect View Collection Help

Local

6 DBS 15 COLLECTIONS

HOSTS

- cluster0-shard-00-02.b3io6...
- cluster0-shard-00-00.b3io6...
- cluster0-shard-00-01.b3io6...

CLUSTER

Replica Set (atlas-ro2vf9-s...

3 Nodes

EDITION

MongoDB 4.4.10 Enterprise

Filter your data

- Cluster0
- admin
- config
- local
- mongo_practice
- population
 - zipcodes
- test

> MONGOSH

population.zipcodes

DOCUMENTS 29.4k TOTAL SIZE 2.6MB AVG. SIZE 95B INDEXES 1 TOTAL SIZE 4.0KB AVG. SIZE 4.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER { field: 'value' }

ADD DATA VIEW

Displaying documents 1 - 20 of 29353

REFRESH

Documents:

- _id: "01001" city: "AGAWAM" loc: Array pop: 15338 state: "MA"
- _id: "01002" city: "CUSHMAN" loc: Array pop: 36963 state: "MA"
- _id: "01005" city: "BARRE" loc: Array pop: 4546 state: "MA"
- _id: "01007" city: "BELCHERTOWN"

Search results - parabmrnal24 WhatsApp Data | Atlas: MongoDB Atlas Aggregation with the Zip Code

cloud.mongodb.com/v2/6173a020065cd567157350b3#metrics/replicaSet/6173a3caa7a083571eb081ee/explorer/population

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Project 0

Atlas Realm Charts

DEPLOYMENT

Databases

Triggers

Data Lake

SECURITY

Database Access

Network Access

Advanced

DATABASES: 4 COLLECTIONS: 8

+ Create Database

NAMESPACES

- Cluster0
- mongo_practice
- population
 - zipcodes
- test

population

DATABASE SIZE: 2.65MB INDEX SIZE: 348KB TOTAL COLLECTIONS: 1

CREATE COLLECTION

Collection Name	Documents	Documents Size	Documents Avg	Indexes	Index Size	Index Avg
zipcodes	29353	2.65MB	95B	1	348KB	348KB

System Status: All Good

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