**MongoDB – Complex Queries**

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> show dbs

admin 0.000GB

cluseter1 0.000GB

local 3.817GB

population 0.002GB

restaurants 0.001GB

test 0.000GB

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> use restaurants

switched to db restaurants

db.addresses.find()

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"), "address" : { "building" : "1007", "coord" : [ -73.856077, 40.848447 ], "street" : "Morris Park Ave", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Morris Park Bake Shop", "restaurant\_id" : "30075445" }

Type "it" for more

1.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find().pretty()

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"),

"address" : {

"building" : "1007",

"coord" : [

-73.856077,

40.848447

],

"street" : "Morris Park Ave",

"zipcode" : "10462"

},

**2.**

ongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.aggregate([{$project: {name:1,borough:1,cuisine:1}}])

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"), "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop" }

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8c9"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S" }

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8ca"), "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant" }

**3.**

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.aggregate([{$project: {\_id:0,name:1,borough:1,cuisine:1}}])

{ "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop" }

{ "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S" }

{ "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant" }

{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer" }

{ "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen" }

**4.**

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.aggregate([{$project: {\_id:0,name:1,borough:1,cuisine:1,"address.zipcode":1}}])

{ "address" : { "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop" }

{ "address" : { "zipcode" : "11225" }, "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S" }

{ "address" : { "zipcode" : "10019" }, "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant" }

**5.**

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.aggregate([{$match: {borough: "Bronx"}}, {$project: {\_id: 0, restaurant\_id: 1, name:1}}, {$limit:5}])

{ "name" : "Morris Park Bake Shop", "restaurant\_id" : "30075445" }

{ "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "name" : "Carvel Ice Cream", "restaurant\_id" : "40363093" }

{ "name" : "Happy Garden", "restaurant\_id" : "40363289" }

{ "name" : "Happy Garden", "restaurant\_id" : "40364296" }

6.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.aggregate([{$match: {borough: "Bronx"}}, {$project: {\_id: 0, restaurant\_id: 1}}])

{ "restaurant\_id" : "30075445" }

{ "restaurant\_id" : "40357217" }

{ "restaurant\_id" : "40363093" }

{ "restaurant\_id" : "40363289" }

{ "restaurant\_id" : "40364296" }

Type "it" for more

**7.**

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.aggregate([{$match: {"borough": "Bronx"}}, {$project: {\_id: 0, restaurant\_id: 1, name:1}}, {$skip: 5}, {$limit: 5}])

{ "name" : "Manhem Club", "restaurant\_id" : "40364363" }

{ "name" : "The New Starling Athletic Club Of The Bronx", "restaurant\_id" : "40364956" }

{ "name" : "Yankee Tavern", "restaurant\_id" : "40365499" }

{ "name" : "Mcdwyers Pub", "restaurant\_id" : "40365893" }

{ "name" : "The Punch Bowl", "restaurant\_id" : "40366497" }

**8.**

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.aggregate([{$match: {'grades.score':{$gt: 90}}}, {$project: {\_id:0, restaurant\_id:1, name:1}}])

{ "name" : "Murals On 54/Randolphs'S", "restaurant\_id" : "40372466" }

{ "name" : "Gandhi", "restaurant\_id" : "40381295" }

{ "name" : "Bella Napoli", "restaurant\_id" : "40393488" }

**9.**

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.aggregate([{$match: {'grades.score':{$gt: 80,$lt:100}}}, {$project: {\_id:0, restaurant\_id:1, name:1}}])

{ "name" : "Murals On 54/Randolphs'S", "restaurant\_id" : "40372466" }

{ "name" : "Gandhi", "restaurant\_id" : "40381295" }

{ "name" : "Bella Napoli", "restaurant\_id" : "40393488" }

{ "name" : "West 79Th Street Boat Basin Cafe", "restaurant\_id" : "40756344" }

**10.**

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.aggregate([{$match:{'address.coord.0':{$lt:-95.754168}}}, {$project: {\_id:0, restaurant\_id:1, name:1}}])

{ "name" : "Burger King", "restaurant\_id" : "40534067" }

{ "name" : "Cascarino'S", "restaurant\_id" : "40668681" }

{ "name" : "Sports Center At Chelsea Piers (Sushi Bar)", "restaurant\_id" : "40882356" }

**11.**

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({$and : [{"cuisine" : {$ne : "American "}}, {"address.coord.0" : {$lt : -65.754168}}, {"grades.score" : {$gt : 70}}]}).pretty()

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836aac7"),

"address" : {

"building" : "345",

"coord" : [

-73.9864626,

40.7266739

],

"street" : "East 6 Street",

"zipcode" : "10003"

},

"borough" : "Manhattan",

"cuisine" : "Indian",

"grades" : [

{

"date" : ISODate("2014-09-15T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2014-01-14T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2013-05-30T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-04-24T00:00:00Z"),

"grade" : "P",

"score" : 2

},

{

"date" : ISODate("2012-10-01T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2012-04-06T00:00:00Z"),

"grade" : "C",

"score" : 92

},

{

"date" : ISODate("2011-11-03T00:00:00Z"),

"grade" : "C",

"score" : 41

}

**12.**

**13.**

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({"cuisine":{$ne:"American"},"grades.grade":{$eq:"A"},"borough":{$ne:"Brooklyn"}}).pretty().sort({"cuisine":-1})

14.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"name":{$regex: /^Wil/, $options:'i'}})

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"), "borough" : "Bronx", "cuisine" : "Bakery", "restaurant\_id" : "30075445" }

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8c9"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "restaurant\_id" : "30112340" }

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8ca"), "borough" : "Manhattan", "cuisine" : "Irish", "restaurant\_id" : "30191841" }

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8cb"), "borough" : "Brooklyn", "cuisine" : "American ", "restaurant\_id" : "40356018" }

Type "it" for more

15.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"name":{$regex: /^ces/, $options:'i'}}).pretty()

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"),

"borough" : "Bronx",

"cuisine" : "Bakery",

"restaurant\_id" : "30075445"

}

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c9"),

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"restaurant\_id" : "30112340"

}

Type "it" for more

16.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"name":{$regex: /^Reg/, $options:'i'}}).pretty()

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"),

"borough" : "Bronx",

"cuisine" : "Bakery",

"restaurant\_id" : "30075445"

}

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c9"),

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"restaurant\_id" : "30112340"

}

17,

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({"borough":"Brooklyn"},{cuisine:{$or:["American ","Chnise"]}}).pretty()

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8c9"), "cuisine" : true }

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8cb"), "cuisine" : true }

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8cf"), "cuisine" : true }

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8d0"), "cuisine" : true }

Type "it" for more

18.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"borough":{$or:["Staten Island","Queens","Bronxor Brooklyn"]}}).pretty()

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"),

"borough" : "Bronx",

"cuisine" : "Bakery",

"restaurant\_id" : "30075445"

}

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c9"),

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"restaurant\_id" : "30112340"

}

**19.**

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"borough":{$or:[{$ne:"Staten Island"},{$ne:"Queens"},{$ne:"Bronxor Brooklyn"}]}}).pretty()

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"),

"borough" : "Bronx",

"cuisine" : "Bakery",

"restaurant\_id" : "30075445"

}

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c9"),

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"restaurant\_id" : "30112340"

}

Type "it" for more

20.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"grades.score":{$lt:10}}).pretty()

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"),

"borough" : "Bronx",

"cuisine" : "Bakery",

"restaurant\_id" : "30075445"

}

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c9"),

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"restaurant\_id" : "30112340"

}

Type "it" for more

21.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"name":{$regex: /^Wil/, $options:'i'}},{"cuisine":{$and:["American ","Chinese"]}}).pretty()

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"),

"borough" : "Bronx",

"cuisine" : "Bakery",

"restaurant\_id" : "30075445"

}

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c9"),

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"restaurant\_id" : "30112340"

}

Type "it" for more

22.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({"grades" : {$elemMatch: {"date": ISODate("2014-08-11T00:00:00Z"), "grade":"A", "score":11}}}, {\_id:0, restaurant\_id:1, name:1, grades:1})

{ "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-12-10T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-06-10T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-08T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-25T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-09-13T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Don Filippo Restaurant", "restaurant\_id" : "40372417" }

23.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({$and: [{"grades.1.grade":"A"}, {"grades.1.score": 9}, {"grades.1.date": ISODate("2014-08-11T00:00:00Z")}]},{\_id:0, restaurant\_id:1, name:1, grades:1}).pretty()

{

"grades" : [

{

"date" : ISODate("2015-01-12T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2014-08-11T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2014-01-14T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2013-02-07T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-04-30T00:00:00Z"),

"grade" : "A",

"score" : 11

}

],

"name" : "Club Macanudo (Cigar Bar)",

"restaurant\_id" : "40526406"

}

24.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({$and : [{"address.coord.1": {$gt : 42}}, {"address.coord.1": {$lte:52}}]}, {\_id:0, restaurant\_id:1, name:1, address:1})

{ "address" : { "building" : "47", "coord" : [ -78.877224, 42.89546199999999 ], "street" : "Broadway @ Trinity Pl", "zipcode" : "10006" }, "name" : "T.G.I. Friday'S", "restaurant\_id" : "40387990" }

{ "address" : { "building" : "1", "coord" : [ -0.7119979, 51.6514664 ], "street" : "Pennplaza E, Penn Sta", "zipcode" : "10001" }, "name" : "T.G.I. Fridays", "restaurant\_id" : "40388936" }

{ "address" : { "building" : "3000", "coord" : [ -87.86567699999999, 42.61150920000001 ], "street" : "47 Avenue", "zipcode" : "11101" }, "name" : "Di Luvio'S Deli", "restaurant\_id" : "40402284" }

{ "address" : { "building" : "21972199", "coord" : [ -78.589606, 42.8912372 ], "street" : "Broadway", "zipcode" : "10024" }, "name" : "La Caridad 78", "restaurant\_id" : "40568285" }

{ "address" : { "building" : "7981", "coord" : [ -84.9751215, 45.4713351 ], "street" : "Hoyt Street", "zipcode" : "11201" }, "name" : "Bijan'S", "restaurant\_id" : "40876618" }

{ "address" : { "building" : "0", "coord" : [ -88.0778799, 42.4154769 ], "street" : "& Grand Central", "zipcode" : "10017" }, "name" : "Hyatt, Ny Central/Room Service", "restaurant\_id" : "40879243" }

{ "address" : { "building" : "60", "coord" : [ -111.9975205, 42.0970258 ], "street" : "West Side Highway", "zipcode" : "10006" }, "name" : "Sports Center At Chelsea Piers (Sushi Bar)", "restaurant\_id" : "40882356" }

25.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({},{\_id:0,name:1}).sort({name:1}).pretty()

{ "name" : "(Lewis Drug Store) Locanda Vini E Olii" }

{ "name" : "1 East 66Th Street Kitchen" }

{ "name" : "101 Deli" }

{ "name" : "101 Restaurant And Bar" }

{ "name" : "1020 Bar" }

Type "it" for more

26.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({},{\_id:0,name:1}).sort({name:-1}).pretty()

{ "name" : "Zum Stammtisch" }

{ "name" : "Zum Schneider" }

{ "name" : "Zorba'S" }

{ "name" : "Zebu Grill" }

{ "name" : "Zaro'S Bread Basket" }

27.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({}, {\_id:0, cuisine:1, borough:1}).sort({cuisine:1, borough:-1})

{ "borough" : "Manhattan", "cuisine" : "Afghan" }

{ "borough" : "Manhattan", "cuisine" : "Afghan" }

{ "borough" : "Manhattan", "cuisine" : "Afghan" }

{ "borough" : "Manhattan", "cuisine" : "Afghan" }

{ "borough" : "Queens", "cuisine" : "African" }

{ "borough" : "Brooklyn", "cuisine" : "African" }

{ "borough" : "Bronx", "cuisine" : "African" }

{ "borough" : "Bronx", "cuisine" : "African" }

{ "borough" : "Staten Island", "cuisine" : "American " }

{ "borough" : "Staten Island", "cuisine" : "American " }

{ "borough" : "Staten Island", "cuisine" : "American " }

{ "borough" : "Staten Island", "cuisine" : "American " }

{ "borough" : "Staten Island", "cuisine" : "American " }

{ "borough" : "Staten Island", "cuisine" : "American " }

Type "it" for more

28.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({"address.street":{$exists: true}})

{ "\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"), "address" : { "building" : "1007", "coord" : [ -73.856077, 40.848447 ], "street" : "Morris Park Ave", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Morris Park Bake Shop", "restaurant\_id" : "30075445" }

29.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({"address.coord":{$type: 1}}).pretty()

{

"\_id" : ObjectId("60a70fc3d77b6d1fe836a8c8"),

"address" : {

"building" : "1007",

"coord" : [

-73.856077,

40.848447

],

"street" : "Morris Park Ave",

"zipcode" : "10462"

}

30.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({"grades": {$elemMatch: {"score": {$mod:[7,0]}}}}, {\_id:0, restaurant\_id:1, name:1, grades:1})

{ "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Morris Park Bake Shop", "restaurant\_id" : "30075445" }

{ "grades" : [ { "date" : ISODate("2014-06-10T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-05T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-10-12T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Riviera Caterer", "restaurant\_id" : "40356018" }

{ "grades" : [ { "date" : ISODate("2014-11-15T00:00:00Z"), "grade" : "Z", "score" : 38 }, { "date" : ISODate("2014-05-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-03-02T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-02-10T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Brunos On The Boulevard", "restaurant\_id" : "40356151" }

{ "grades" : [ { "date" : ISODate("2014-09-16T00:00:00Z"), "grade" : "B", "score" : 21 }, { "date" : ISODate("2013-08-28T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-04-02T00:00:00Z"), "grade" : "C", "score" : 56 }, { "date" : ISODate("2012-08-15T00:00:00Z"), "grade" : "B", "score" : 27 }, { "date" : ISODate("2012-03-28T00:00:00Z"), "grade" : "B", "score" : 27 } ], "name" : "May May Kitchen", "restaurant\_id" : "40358429" }

31.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({name: {$regex: /mon/}},{\_id:0, name:1, borough:1, "address.coord":1, cuisine:1})

{ "address" : { "coord" : [ -73.98306099999999, 40.7441419 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Desmond'S Tavern" }

{ "address" : { "coord" : [ -73.8221418, 40.7272376 ] }, "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Shimons Kosher Pizza" }

{ "address" : { "coord" : [ -74.10465599999999, 40.58834 ] }, "borough" : "Staten Island", "cuisine" : "American ", "name" : "Richmond County Country Club" }

{ "address" : { "coord" : [ -73.9812843, 40.5947365 ] }, "borough" : "Brooklyn", "cuisine" : "Pizza/Italian", "name" : "Lb Spumoni Gardens" }

{ "address" : { "coord" : [ -73.951199, 40.7166026 ] }, "borough" : "Brooklyn", "cuisine" : "Italian", "name" : "Bamonte'S Restaurant" }

32.

MongoDB Enterprise atlas-biqdul-shard-0:PRIMARY> db.addresses.find({name: {$regex: /^Mad.\*/}},{\_id:0, name:1, borough:1, "address.coord":1, cuisine:1})

{ "address" : { "coord" : [ -73.9860597, 40.7431194 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Madison Square" }

{ "address" : { "coord" : [ -73.98302199999999, 40.742313 ] }, "borough" : "Manhattan", "cuisine" : "Indian", "name" : "Madras Mahal" }

{ "address" : { "coord" : [ -74.000002, 40.72735 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Madame X" }

{ "address" : { "coord" : [ -73.98171959999999, 40.7499406 ] }, "borough" : "Manhattan", "cuisine" : "French", "name" : "Madison Bistro" }

{ "address" : { "coord" : [ -73.9717845, 40.6897199 ] }, "borough" : "Brooklyn", "cuisine" : "African", "name" : "Madiba" }

{ "address" : { "coord" : [ -73.9040753, 40.9069011 ] }, "borough" : "Bronx", "cuisine" : "Italian", "name" : "Madison'S" }

{ "address" : { "coord" : [ -73.9886598, 40.7565811 ] }, "borough" : "Manhattan", "cuisine" : "Hotdogs", "name" : "Madame Tussaud'S" }

{ "address" : { "coord" : [ -73.95623719999999, 40.7761697 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Mad River Bar & Grille" }