**Assignment-3**

> show dbs

admin 0.000GB

config 0.000GB

local 0.000GB

mongo\_practice 0.000GB

population 0.002GB

> use restaurants

switched to db restaurants

> db.addresses.find().pretty()

{

"\_id" : ObjectId("634fe5df499ffdd147450f73"),

"address" : {

"building" : "2206",

"coord" : [

-74.1377286,

40.6119572

],

"street" : "Victory Boulevard",

"zipcode" : "10314"

},

"borough" : "Staten Island",

"cuisine" : "Jewish/Kosher",

"grades" : [

{

"date" : ISODate("2014-10-06T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2014-05-20T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

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

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-01-24T00:00:00Z"),

"grade" : "A",

"score" : 9

}

],

"name" : "Kosher Island",

"restaurant\_id" : "40356442"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f74"),

"address" : {

"building" : "6409",

"coord" : [

-74.00528899999999,

40.628886

],

"street" : "11 Avenue",

"zipcode" : "11219"

},

"borough" : "Brooklyn",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-07-18T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-07-30T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-02-13T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2012-08-16T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2011-08-17T00:00:00Z"),

"grade" : "A",

"score" : 11

}

],

"name" : "Regina Caterers",

"restaurant\_id" : "40356649"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f75"),

"address" : {

"building" : "7114",

"coord" : [

-73.9068506,

40.6199034

],

"street" : "Avenue U",

"zipcode" : "11234"

},

"borough" : "Brooklyn",

"cuisine" : "Delicatessen",

"grades" : [

{

"date" : ISODate("2014-05-29T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

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

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2013-08-03T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2012-07-18T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-03-09T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2011-10-14T00:00:00Z"),

"grade" : "A",

"score" : 9

}

],

"name" : "Wilken'S Fine Food",

"restaurant\_id" : "40356483"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f76"),

"address" : {

"building" : "1839",

"coord" : [

-73.9482609,

40.6408271

],

"street" : "Nostrand Avenue",

"zipcode" : "11226"

},

"borough" : "Brooklyn",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"grades" : [

{

"date" : ISODate("2014-07-14T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-07-10T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2012-07-11T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2012-02-23T00:00:00Z"),

"grade" : "A",

"score" : 8

}

],

"name" : "Taste The Tropics Ice Cream",

"restaurant\_id" : "40356731"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f77"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"street" : "Southern Boulevard",

"zipcode" : "10460"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-28T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-06-19T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2012-06-15T00:00:00Z"),

"grade" : "A",

"score" : 3

}

],

"name" : "Wild Asia",

"restaurant\_id" : "40357217"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f78"),

"address" : {

"building" : "7715",

"coord" : [

-73.9973325,

40.61174889999999

],

"street" : "18 Avenue",

"zipcode" : "11214"

},

"borough" : "Brooklyn",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-04-16T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2013-04-23T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2012-04-24T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2011-12-16T00:00:00Z"),

"grade" : "A",

"score" : 2

}

],

"name" : "C & C Catering Service",

"restaurant\_id" : "40357437"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f79"),

"address" : {

"building" : "1269",

"coord" : [

-73.871194,

40.6730975

],

"street" : "Sutter Avenue",

"zipcode" : "11208"

},

"borough" : "Brooklyn",

"cuisine" : "Chinese",

"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"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f7a"),

"address" : {

"building" : "1",

"coord" : [

-73.96926909999999,

40.7685235

],

"street" : "East 66 Street",

"zipcode" : "10065"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-07T00:00:00Z"),

"grade" : "A",

"score" : 3

},

{

"date" : ISODate("2013-05-03T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

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

"grade" : "A",

"score" : 6

},

{

"date" : ISODate("2011-12-27T00:00:00Z"),

"grade" : "A",

"score" : 0

}

],

"name" : "1 East 66Th Street Kitchen",

"restaurant\_id" : "40359480"

}

> db.addresses.find({},{"restaurant\_id": 1, "borough": 1, "name":1,"cuisine":1})

{ "\_id" : ObjectId("634fe5df499ffdd147450f73"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant\_id" : "40356442" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f74"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f75"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f76"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f77"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f78"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f79"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant\_id" : "40358429" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7a"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7b"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7c"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40360076" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7d"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7e"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40361322" }

> db.addresses.find({},{"restaurant\_id": 1, "borough": 1, "name":1,"cuisine":1, "\_id":0})

{ "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant\_id" : "40356442" }

{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant\_id" : "40358429" }

{ "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40360076" }

{ "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40361322" }

{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "The Movable Feast", "restaurant\_id" : "40361606" }

{ "borough" : "Manhattan", "cuisine" : "American ", "name" : "Glorious Food", "restaurant\_id" : "40361521" }

{ "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Sal'S Deli", "restaurant\_id" : "40361618" }

{ "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant", "restaurant\_id" : "30191841" }

{ "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Bully'S Deli", "restaurant\_id" : "40361708" }

{ "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Harriet'S Kitchen", "restaurant\_id" : "40362098" }

{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer", "restaurant\_id" : "40356018" }

> db.addresses.find({},{"restaurant\_id": 1, "borough": 1, "name":1,"address.zipcode":1, "\_id":0})

{ "address" : { "zipcode" : "10314" }, "borough" : "Staten Island", "name" : "Kosher Island", "restaurant\_id" : "40356442" }

{ "address" : { "zipcode" : "11219" }, "borough" : "Brooklyn", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "address" : { "zipcode" : "11234" }, "borough" : "Brooklyn", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "address" : { "zipcode" : "11226" }, "borough" : "Brooklyn", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "address" : { "zipcode" : "10460" }, "borough" : "Bronx", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "address" : { "zipcode" : "11214" }, "borough" : "Brooklyn", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "address" : { "zipcode" : "11208" }, "borough" : "Brooklyn", "name" : "May May Kitchen", "restaurant\_id" : "40358429" }

{ "address" : { "zipcode" : "10065" }, "borough" : "Manhattan", "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "address" : { "zipcode" : "11223" }, "borough" : "Brooklyn", "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "address" : { "zipcode" : "11218" }, "borough" : "Brooklyn", "name" : "Carvel Ice Cream", "restaurant\_id" : "40360076" }

{ "address" : { "zipcode" : "11209" }, "borough" : "Brooklyn", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "address" : { "zipcode" : "11004" }, "borough" : "Queens", "name" : "Carvel Ice Cream", "restaurant\_id" : "40361322" }

{ "address" : { "zipcode" : "11215" }, "borough" : "Brooklyn", "name" : "The Movable Feast", "restaurant\_id" : "40361606" }

{ "address" : { "zipcode" : "10021" }, "borough" : "Manhattan", "name" : "Glorious Food", "restaurant\_id" : "40361521" }

{ "address" : { "zipcode" : "11356" }, "borough" : "Queens", "name" : "Sal'S Deli", "restaurant\_id" : "40361618" }

{ "address" : { "zipcode" : "10019" }, "borough" : "Manhattan", "name" : "Dj Reynolds Pub And Restaurant", "restaurant\_id" : "30191841" }

{ "address" : { "zipcode" : "10003" }, "borough" : "Manhattan", "name" : "Bully'S Deli", "restaurant\_id" : "40361708" }

{ "address" : { "zipcode" : "11106" }, "borough" : "Queens", "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "address" : { "zipcode" : "10024" }, "borough" : "Manhattan", "name" : "Harriet'S Kitchen", "restaurant\_id" : "40362098" }

{ "address" : { "zipcode" : "11224" }, "borough" : "Brooklyn", "name" : "Riviera Caterer", "restaurant\_id" : "40356018" }

db.addresses.aggregate([{$match: {"borough": "Bronx"}},{$limit: 5}]).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd147450f77"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"street" : "Southern Boulevard",

"zipcode" : "10460"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-28T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-06-19T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2012-06-15T00:00:00Z"),

"grade" : "A",

"score" : 3

}

],

"name" : "Wild Asia",

"restaurant\_id" : "40357217"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f88"),

"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"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f94"),

"address" : {

"building" : "1006",

"coord" : [

-73.84856870000002,

40.8903781

],

"street" : "East 233 Street",

"zipcode" : "10466"

},

"borough" : "Bronx",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"grades" : [

{

"date" : ISODate("2014-04-24T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2013-09-05T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2013-02-21T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2012-07-03T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2011-07-11T00:00:00Z"),

"grade" : "A",

"score" : 5

}

],

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40363093"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f9f"),

"address" : {

"building" : "1236",

"coord" : [

-73.8893654,

40.81376179999999

],

"street" : "238 Spofford Ave",

"zipcode" : "10474"

},

"borough" : "Bronx",

"cuisine" : "Chinese",

"grades" : [

{

"date" : ISODate("2013-12-30T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2013-01-08T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-06-12T00:00:00Z"),

"grade" : "B",

"score" : 15

}

],

"name" : "Happy Garden",

"restaurant\_id" : "40363289"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450faa"),

"address" : {

"building" : "277",

"coord" : [

-73.8941893,

40.8634684

],

"street" : "East Kingsbridge Road",

"zipcode" : "10458"

},

"borough" : "Bronx",

"cuisine" : "Chinese",

"grades" : [

{

"date" : ISODate("2014-03-03T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2013-09-26T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2013-03-19T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-08-29T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2011-08-17T00:00:00Z"),

"grade" : "A",

"score" : 13

}

],

"name" : "Happy Garden",

"restaurant\_id" : "40364296"

}

> db.addresses.aggregate([{$match: {"borough": "Bronx"}}]).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd147450f77"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"street" : "Southern Boulevard",

"zipcode" : "10460"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-28T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-06-19T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2012-06-15T00:00:00Z"),

"grade" : "A",

"score" : 3

}

],

"name" : "Wild Asia",

"restaurant\_id" : "40357217"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f88"),

"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"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f94"),

"address" : {

"building" : "1006",

"coord" : [

-73.84856870000002,

40.8903781

],

"street" : "East 233 Street",

"zipcode" : "10466"

},

"borough" : "Bronx",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"grades" : [

{

"date" : ISODate("2014-04-24T00:00:00Z"),

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"score" : 10

},

{

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"grade" : "A",

"score" : 10

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"grade" : "A",

"score" : 9

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"grade" : "A",

"score" : 11

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"date" : ISODate("2011-07-11T00:00:00Z"),

"grade" : "A",

"score" : 5

}

],

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40363093"

}

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"address" : {

"building" : "1236",

"coord" : [

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],

"street" : "238 Spofford Ave",

"zipcode" : "10474"

},

"borough" : "Bronx",

"cuisine" : "Chinese",

"grades" : [

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"score" : 8

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"grade" : "A",

"score" : 10

},

{

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"grade" : "B",

"score" : 15

}

],

"name" : "Happy Garden",

"restaurant\_id" : "40363289"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450faa"),

"address" : {

"building" : "277",

"coord" : [

-73.8941893,

40.8634684

],

"street" : "East Kingsbridge Road",

"zipcode" : "10458"

},

"borough" : "Bronx",

"cuisine" : "Chinese",

"grades" : [

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"grade" : "A",

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"grade" : "A",

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"grade" : "A",

"score" : 11

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{

"date" : ISODate("2011-08-17T00:00:00Z"),

"grade" : "A",

"score" : 13

}

],

"name" : "Happy Garden",

"restaurant\_id" : "40364296"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450fae"),

"address" : {

"building" : "658",

"coord" : [

-73.81363999999999,

40.82941100000001

],

"street" : "Clarence Ave",

"zipcode" : "10465"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

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"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2012-07-11T00:00:00Z"),

"grade" : "A",

"score" : 10

}

],

"name" : "Manhem Club",

"restaurant\_id" : "40364363"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450fc3"),

"address" : {

"building" : "2222",

"coord" : [

-73.84971759999999,

40.8304811

],

"street" : "Haviland Avenue",

"zipcode" : "10462"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

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"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2014-05-01T00:00:00Z"),

"grade" : "B",

"score" : 17

},

{

"date" : ISODate("2013-03-14T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-09-20T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2012-02-08T00:00:00Z"),

"grade" : "B",

"score" : 19

}

],

"name" : "The New Starling Athletic Club Of The Bronx",

"restaurant\_id" : "40364956"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450fed"),

"address" : {

"building" : "72",

"coord" : [

-73.92506,

40.8275556

],

"street" : "East 161 Street",

"zipcode" : "10451"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-04-15T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2013-11-14T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2013-07-29T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-12-31T00:00:00Z"),

"grade" : "B",

"score" : 15

},

{

"date" : ISODate("2012-05-30T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-01-09T00:00:00Z"),

"grade" : "A",

"score" : 10

},

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"date" : ISODate("2011-08-15T00:00:00Z"),

"grade" : "C",

"score" : 37

}

],

"name" : "Yankee Tavern",

"restaurant\_id" : "40365499"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451000"),

"address" : {

"building" : "331",

"coord" : [

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40.8724377

],

"street" : "East 204 Street",

"zipcode" : "10467"

},

"borough" : "Bronx",

"cuisine" : "Irish",

"grades" : [

{

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"grade" : "A",

"score" : 10

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{

"date" : ISODate("2014-03-26T00:00:00Z"),

"grade" : "B",

"score" : 23

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"date" : ISODate("2013-09-11T00:00:00Z"),

"grade" : "A",

"score" : 13

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"date" : ISODate("2012-12-18T00:00:00Z"),

"grade" : "B",

"score" : 27

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"date" : ISODate("2011-10-20T00:00:00Z"),

"grade" : "A",

"score" : 13

}

],

"name" : "Mcdwyers Pub",

"restaurant\_id" : "40365893"

}

> db.addresses.aggregate([{$match: {"borough": "Bronx"}},{$skip: 5},{$limit: 5}]).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd147450fae"),

"address" : {

"building" : "658",

"coord" : [

-73.81363999999999,

40.82941100000001

],

"street" : "Clarence Ave",

"zipcode" : "10465"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-06-21T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2012-07-11T00:00:00Z"),

"grade" : "A",

"score" : 10

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"name" : "Manhem Club",

"restaurant\_id" : "40364363"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450fc3"),

"address" : {

"building" : "2222",

"coord" : [

-73.84971759999999,

40.8304811

],

"street" : "Haviland Avenue",

"zipcode" : "10462"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

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"date" : ISODate("2014-05-01T00:00:00Z"),

"grade" : "B",

"score" : 17

},

{

"date" : ISODate("2013-03-14T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-09-20T00:00:00Z"),

"grade" : "A",

"score" : 9

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"restaurant\_id" : "40364956"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450fed"),

"address" : {

"building" : "72",

"coord" : [

-73.92506,

40.8275556

],

"street" : "East 161 Street",

"zipcode" : "10451"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-04-15T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2013-11-14T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2013-07-29T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-12-31T00:00:00Z"),

"grade" : "B",

"score" : 15

},

{

"date" : ISODate("2012-05-30T00:00:00Z"),

"grade" : "A",

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"grade" : "A",

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},

{

"date" : ISODate("2011-08-15T00:00:00Z"),

"grade" : "C",

"score" : 37

}

],

"name" : "Yankee Tavern",

"restaurant\_id" : "40365499"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451000"),

"address" : {

"building" : "331",

"coord" : [

-73.87786539999999,

40.8724377

],

"street" : "East 204 Street",

"zipcode" : "10467"

},

"borough" : "Bronx",

"cuisine" : "Irish",

"grades" : [

{

"date" : ISODate("2014-08-26T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2014-03-26T00:00:00Z"),

"grade" : "B",

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},

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"grade" : "A",

"score" : 13

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"grade" : "B",

"score" : 27

},

{

"date" : ISODate("2011-10-20T00:00:00Z"),

"grade" : "A",

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"name" : "Mcdwyers Pub",

"restaurant\_id" : "40365893"

}

{

"\_id" : ObjectId("634fe5df499ffdd14745100c"),

"address" : {

"building" : "5820",

"coord" : [

-73.9002615,

40.885186

],

"street" : "Broadway",

"zipcode" : "10463"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

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"date" : ISODate("2014-02-26T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2013-10-09T00:00:00Z"),

"grade" : "B",

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},

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"date" : ISODate("2013-05-15T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2012-11-20T00:00:00Z"),

"grade" : "B",

"score" : 18

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"date" : ISODate("2011-10-17T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2011-06-22T00:00:00Z"),

"grade" : "C",

"score" : 35

}

],

"name" : "The Punch Bowl",

"restaurant\_id" : "40366497"

}

> db.addresses.find({"grades.score": {$gt: 90}}).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd1474510dd"),

"address" : {

"building" : "65",

"coord" : [

-73.9782725,

40.7624022

],

"street" : "West 54 Street",

"zipcode" : "10019"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-08-22T00:00:00Z"),

"grade" : "A",

"score" : 11

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{

"date" : ISODate("2014-03-28T00:00:00Z"),

"grade" : "C",

"score" : 131

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"date" : ISODate("2013-09-25T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-04-08T00:00:00Z"),

"grade" : "B",

"score" : 25

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"date" : ISODate("2012-10-15T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2011-10-19T00:00:00Z"),

"grade" : "A",

"score" : 13

}

],

"name" : "Murals On 54/Randolphs'S",

"restaurant\_id" : "40372466"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451173"),

"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

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{

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

"grade" : "A",

"score" : 8

},

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

"grade" : "A",

"score" : 12

},

{

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

"grade" : "P",

"score" : 2

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

"grade" : "A",

"score" : 9

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{

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"grade" : "C",

"score" : 92

},

{

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

"grade" : "C",

"score" : 41

}

],

"name" : "Gandhi",

"restaurant\_id" : "40381295"

}

{

"\_id" : ObjectId("634fe5df499ffdd1474512d8"),

"address" : {

"building" : "130",

"coord" : [

-73.984758,

40.7457939

],

"street" : "Madison Avenue",

"zipcode" : "10016"

},

"borough" : "Manhattan",

"cuisine" : "Pizza/Italian",

"grades" : [

{

"date" : ISODate("2014-12-24T00:00:00Z"),

"grade" : "Z",

"score" : 31

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{

"date" : ISODate("2014-06-17T00:00:00Z"),

"grade" : "C",

"score" : 98

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"grade" : "C",

"score" : 32

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{

"date" : ISODate("2013-05-22T00:00:00Z"),

"grade" : "B",

"score" : 21

},

{

"date" : ISODate("2012-05-02T00:00:00Z"),

"grade" : "A",

"score" : 11

}

],

"name" : "Bella Napoli",

"restaurant\_id" : "40393488"

}

> db.addresses.find({$and: [{"grades.score": {$gt: 80}},{"grades.score": {$lt:100}}]}).pretty()

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"coord" : [

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"street" : "West 54 Street",

"zipcode" : "10019"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-08-22T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2014-03-28T00:00:00Z"),

"grade" : "C",

"score" : 131

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"grade" : "A",

"score" : 11

},

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"grade" : "A",

"score" : 11

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"date" : ISODate("2011-10-19T00:00:00Z"),

"grade" : "A",

"score" : 13

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"name" : "Murals On 54/Randolphs'S",

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}

{

"\_id" : ObjectId("634fe5df499ffdd147451173"),

"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

}

],

"name" : "Gandhi",

"restaurant\_id" : "40381295"

}

{

"\_id" : ObjectId("634fe5df499ffdd1474512d8"),

"address" : {

"building" : "130",

"coord" : [

-73.984758,

40.7457939

],

"street" : "Madison Avenue",

"zipcode" : "10016"

},

"borough" : "Manhattan",

"cuisine" : "Pizza/Italian",

"grades" : [

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"grade" : "C",

"score" : 98

},

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"grade" : "C",

"score" : 32

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"grade" : "B",

"score" : 21

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"grade" : "A",

"score" : 11

}

],

"name" : "Bella Napoli",

"restaurant\_id" : "40393488"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451b3e"),

"address" : {

"building" : "",

"coord" : [

-74.0163793,

40.7167671

],

"street" : "Hudson River",

"zipcode" : "10282"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-06-27T00:00:00Z"),

"grade" : "C",

"score" : 89

},

{

"date" : ISODate("2013-06-06T00:00:00Z"),

"grade" : "A",

"score" : 6

},

{

"date" : ISODate("2012-06-19T00:00:00Z"),

"grade" : "A",

"score" : 13

}

],

"name" : "West 79Th Street Boat Basin Cafe",

"restaurant\_id" : "40756344"

}

> db.addresses.find({"address.coord.0": {$lt: 95.754168}}).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd147450f73"),

"address" : {

"building" : "2206",

"coord" : [

-74.1377286,

40.6119572

],

"street" : "Victory Boulevard",

"zipcode" : "10314"

},

"borough" : "Staten Island",

"cuisine" : "Jewish/Kosher",

"grades" : [

{

"date" : ISODate("2014-10-06T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2014-05-20T00:00:00Z"),

"grade" : "A",

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"grade" : "A",

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}

{

"\_id" : ObjectId("634fe5df499ffdd147450f74"),

"address" : {

"building" : "6409",

"coord" : [

-74.00528899999999,

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],

"street" : "11 Avenue",

"zipcode" : "11219"

},

"borough" : "Brooklyn",

"cuisine" : "American ",

"grades" : [

{

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"grade" : "A",

"score" : 11

}

],

"name" : "Regina Caterers",

"restaurant\_id" : "40356649"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f75"),

"address" : {

"building" : "7114",

"coord" : [

-73.9068506,

40.6199034

],

"street" : "Avenue U",

"zipcode" : "11234"

},

"borough" : "Brooklyn",

"cuisine" : "Delicatessen",

"grades" : [

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"date" : ISODate("2014-05-29T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

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

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2013-08-03T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2012-07-18T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-03-09T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2011-10-14T00:00:00Z"),

"grade" : "A",

"score" : 9

}

],

"name" : "Wilken'S Fine Food",

"restaurant\_id" : "40356483"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f76"),

"address" : {

"building" : "1839",

"coord" : [

-73.9482609,

40.6408271

],

"street" : "Nostrand Avenue",

"zipcode" : "11226"

},

"borough" : "Brooklyn",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"grades" : [

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"date" : ISODate("2014-07-14T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-07-10T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2012-07-11T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2012-02-23T00:00:00Z"),

"grade" : "A",

"score" : 8

}

],

"name" : "Taste The Tropics Ice Cream",

"restaurant\_id" : "40356731"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f77"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"street" : "Southern Boulevard",

"zipcode" : "10460"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-28T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-06-19T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2012-06-15T00:00:00Z"),

"grade" : "A",

"score" : 3

}

],

"name" : "Wild Asia",

"restaurant\_id" : "40357217"

}

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

{

"\_id" : ObjectId("634fe5df499ffdd1474510dd"),

"address" : {

"building" : "65",

"coord" : [

-73.9782725,

40.7624022

],

"street" : "West 54 Street",

"zipcode" : "10019"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-08-22T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2014-03-28T00:00:00Z"),

"grade" : "C",

"score" : 131

},

{

"date" : ISODate("2013-09-25T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-04-08T00:00:00Z"),

"grade" : "B",

"score" : 25

},

{

"date" : ISODate("2012-10-15T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2011-10-19T00:00:00Z"),

"grade" : "A",

"score" : 13

}

],

"name" : "Murals On 54/Randolphs'S",

"restaurant\_id" : "40372466"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451173"),

"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

}

],

"name" : "Gandhi",

"restaurant\_id" : "40381295"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451200"),

"address" : {

"building" : "14",

"coord" : [

-73.9883909,

40.740735

],

"street" : "East 23 Street",

"zipcode" : "10010"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-10-28T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2014-04-10T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-08-08T00:00:00Z"),

"grade" : "C",

"score" : 58

},

{

"date" : ISODate("2013-02-14T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-06-15T00:00:00Z"),

"grade" : "C",

"score" : 71

}

],

"name" : "Live Bait Bar & Restaurant",

"restaurant\_id" : "40387237"

}

{

"\_id" : ObjectId("634fe5df499ffdd1474512d8"),

"address" : {

"building" : "130",

"coord" : [

-73.984758,

40.7457939

],

"street" : "Madison Avenue",

"zipcode" : "10016"

},

"borough" : "Manhattan",

"cuisine" : "Pizza/Italian",

"grades" : [

{

"date" : ISODate("2014-12-24T00:00:00Z"),

"grade" : "Z",

"score" : 31

},

{

"date" : ISODate("2014-06-17T00:00:00Z"),

"grade" : "C",

"score" : 98

},

{

"date" : ISODate("2013-12-12T00:00:00Z"),

"grade" : "C",

"score" : 32

},

{

"date" : ISODate("2013-05-22T00:00:00Z"),

"grade" : "B",

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{

"date" : ISODate("2012-05-02T00:00:00Z"),

"grade" : "A",

"score" : 11

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],

"name" : "Bella Napoli",

"restaurant\_id" : "40393488"

}

{

"\_id" : ObjectId("634fe5df499ffdd1474512e1"),

"address" : {

"building" : "101",

"coord" : [

-73.9243061,

40.8276297

],

"street" : "East 161 Street",

"zipcode" : "10451"

},

"borough" : "Bronx",

"cuisine" : "Latin (Cuban, Dominican, Puerto Rican, South & Central American)",

"grades" : [

{

"date" : ISODate("2014-04-10T00:00:00Z"),

"grade" : "A",

"score" : 10

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{

"date" : ISODate("2013-10-01T00:00:00Z"),

"grade" : "A",

"score" : 6

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{

"date" : ISODate("2013-04-11T00:00:00Z"),

"grade" : "B",

"score" : 25

},

{

"date" : ISODate("2012-10-25T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

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

"grade" : "P",

"score" : 12

},

{

"date" : ISODate("2012-05-25T00:00:00Z"),

"grade" : "B",

"score" : 14

},

{

"date" : ISODate("2011-09-14T00:00:00Z"),

"grade" : "B",

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"date" : ISODate("2011-04-25T00:00:00Z"),

"grade" : "C",

"score" : 76

}

],

"name" : "El Molino Rojo Restaurant",

"restaurant\_id" : "40393688"

}

db.addresses.find({$and: [{"cuisine":{$ne: "American"}},{"grades.score":{$gt:70}},{"address.coord": {$lt: -65.754168}}]}).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd1474510dd"),

"address" : {

"building" : "65",

"coord" : [

-73.9782725,

40.7624022

],

"street" : "West 54 Street",

"zipcode" : "10019"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-08-22T00:00:00Z"),

"grade" : "A",

"score" : 11

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"date" : ISODate("2014-03-28T00:00:00Z"),

"grade" : "C",

"score" : 131

},

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"date" : ISODate("2013-09-25T00:00:00Z"),

"grade" : "A",

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"name" : "Murals On 54/Randolphs'S",

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}

{

"\_id" : ObjectId("634fe5df499ffdd147451173"),

"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

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{

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

"grade" : "P",

"score" : 2

},

{

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

"grade" : "A",

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"grade" : "C",

"score" : 92

},

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

"grade" : "C",

"score" : 41

}

],

"name" : "Gandhi",

"restaurant\_id" : "40381295"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451200"),

"address" : {

"building" : "14",

"coord" : [

-73.9883909,

40.740735

],

"street" : "East 23 Street",

"zipcode" : "10010"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

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"score" : 9

},

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"grade" : "A",

"score" : 12

},

{

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"grade" : "C",

"score" : 58

},

{

"date" : ISODate("2013-02-14T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-06-15T00:00:00Z"),

"grade" : "C",

"score" : 71

}

],

"name" : "Live Bait Bar & Restaurant",

"restaurant\_id" : "40387237"

}

{

"\_id" : ObjectId("634fe5df499ffdd1474512d8"),

"address" : {

"building" : "130",

"coord" : [

-73.984758,

40.7457939

],

"street" : "Madison Avenue",

"zipcode" : "10016"

},

"borough" : "Manhattan",

"cuisine" : "Pizza/Italian",

"grades" : [

{

"date" : ISODate("2014-12-24T00:00:00Z"),

"grade" : "Z",

"score" : 31

},

{

"date" : ISODate("2014-06-17T00:00:00Z"),

"grade" : "C",

"score" : 98

},

{

"date" : ISODate("2013-12-12T00:00:00Z"),

"grade" : "C",

"score" : 32

},

{

"date" : ISODate("2013-05-22T00:00:00Z"),

"grade" : "B",

"score" : 21

},

{

"date" : ISODate("2012-05-02T00:00:00Z"),

"grade" : "A",

"score" : 11

}

],

"name" : "Bella Napoli",

"restaurant\_id" : "40393488"

}

{

"\_id" : ObjectId("634fe5df499ffdd1474512e1"),

"address" : {

"building" : "101",

"coord" : [

-73.9243061,

40.8276297

],

"street" : "East 161 Street",

"zipcode" : "10451"

},

"borough" : "Bronx",

"cuisine" : "Latin (Cuban, Dominican, Puerto Rican, South & Central American)",

"grades" : [

{

"date" : ISODate("2014-04-10T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2013-10-01T00:00:00Z"),

"grade" : "A",

"score" : 6

},

{

"date" : ISODate("2013-04-11T00:00:00Z"),

"grade" : "B",

"score" : 25

},

{

"date" : ISODate("2012-10-25T00:00:00Z"),

"grade" : "A",

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"grade" : "P",

"score" : 12

},

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"date" : ISODate("2012-05-25T00:00:00Z"),

"grade" : "B",

"score" : 14

},

{

"date" : ISODate("2011-09-14T00:00:00Z"),

"grade" : "B",

"score" : 26

},

{

"date" : ISODate("2011-04-25T00:00:00Z"),

"grade" : "C",

"score" : 76

}

],

"name" : "El Molino Rojo Restaurant",

"restaurant\_id" : "40393688"

}

> db.addresses.find({$and: [{"cuisine": {$ne: "American"}}, {"grades.grade": "A"},{"borough": {$ne: "Brooklyn"}}]}).sort({"cuisine":-1}).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd14745167f"),

"address" : {

"building" : "89",

"coord" : [

-73.9995899,

40.7168015

],

"street" : "Baxter Street",

"zipcode" : "10013"

},

"borough" : "Manhattan",

"cuisine" : "Vietnamese/Cambodian/Malaysia",

"grades" : [

{

"date" : ISODate("2014-08-21T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2013-08-31T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2013-04-11T00:00:00Z"),

"grade" : "C",

"score" : 3

},

{

"date" : ISODate("2012-10-17T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2012-05-15T00:00:00Z"),

"grade" : "A",

"score" : 10

}

],

"name" : "Thai Son",

"restaurant\_id" : "40559606"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451737"),

"address" : {

"building" : "8278",

"coord" : [

-73.88143509999999,

40.7412552

],

"street" : "Broadway",

"zipcode" : "11373"

},

"borough" : "Queens",

"cuisine" : "Vietnamese/Cambodian/Malaysia",

"grades" : [

{

"date" : ISODate("2014-06-12T00:00:00Z"),

"grade" : "B",

"score" : 21

},

{

"date" : ISODate("2013-05-20T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-12-26T00:00:00Z"),

"grade" : "A",

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"grade" : "P",

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"name" : "Pho Bac Vietnamese Seafood Cuisine",

"restaurant\_id" : "40578058"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451b20"),

"address" : {

"building" : "148",

"coord" : [

-74.000254,

40.7172727

],

"street" : "Centre Street",

"zipcode" : "10013"

},

"borough" : "Manhattan",

"cuisine" : "Vietnamese/Cambodian/Malaysia",

"grades" : [

{

"date" : ISODate("2014-10-01T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2014-05-19T00:00:00Z"),

"grade" : "C",

"score" : 5

},

{

"date" : ISODate("2013-11-15T00:00:00Z"),

"grade" : "B",

"score" : 14

},

{

"date" : ISODate("2013-03-08T00:00:00Z"),

"grade" : "B",

"score" : 25

},

{

"date" : ISODate("2012-05-22T00:00:00Z"),

"grade" : "B",

"score" : 23

},

{

"date" : ISODate("2011-10-27T00:00:00Z"),

"grade" : "A",

"score" : 9

}

],

"name" : "Nha-Trang Centre Vietnam Restaurant",

"restaurant\_id" : "40751226"

}

> db.addresses.find({"name": {$regex: /^Wil/}},{restaurant\_id: 1, name:1,borough:1,cuisine:1})

{ "\_id" : ObjectId("634fe5df499ffdd147450f75"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f77"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "\_id" : ObjectId("634fe5df499ffdd147451d80"), "borough" : "Bronx", "cuisine" : "Pizza", "name" : "Wilbel Pizza", "restaurant\_id" : "40871979" }

> db.addresses.find({"name": {$regex: /ces$/}},{restaurant\_id: 1, name:1,borough:1,cuisine:1})

{ "\_id" : ObjectId("634fe5df499ffdd147451408"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Pieces", "restaurant\_id" : "40399910" }

{ "\_id" : ObjectId("634fe5df499ffdd1474514c4"), "borough" : "Queens", "cuisine" : "American ", "name" : "S.M.R Restaurant Services", "restaurant\_id" : "40403857" }

{ "\_id" : ObjectId("634fe5df499ffdd1474514d2"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Good Shepherd Services", "restaurant\_id" : "40403989" }

{ "\_id" : ObjectId("634fe5df499ffdd14745197c"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "The Ice Box-Ralph'S Famous Italian Ices", "restaurant\_id" : "40690899" }

{ "\_id" : ObjectId("634fe5df499ffdd147451b80"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Alices", "restaurant\_id" : "40782042" }

{ "\_id" : ObjectId("634fe5df499ffdd147451d9b"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Re: Sources", "restaurant\_id" : "40876068" }

> db.addresses.find({"name": {$regex: /Reg/}},{restaurant\_id: 1, name:1,borough:1,cuisine:1})

{ "\_id" : ObjectId("634fe5df499ffdd147450f74"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("634fe5df499ffdd147451077"), "borough" : "Manhattan", "cuisine" : "Café/Coffee/Tea", "name" : "Caffe Reggio", "restaurant\_id" : "40369418" }

{ "\_id" : ObjectId("634fe5df499ffdd147451182"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Regency Hotel", "restaurant\_id" : "40382679" }

{ "\_id" : ObjectId("634fe5df499ffdd1474514a4"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Regency Whist Club", "restaurant\_id" : "40402377" }

{ "\_id" : ObjectId("634fe5df499ffdd147451586"), "borough" : "Queens", "cuisine" : "American ", "name" : "Rego Park Cafe", "restaurant\_id" : "40523342" }

{ "\_id" : ObjectId("634fe5df499ffdd147451bf5"), "borough" : "Queens", "cuisine" : "Pizza", "name" : "Regina Pizza", "restaurant\_id" : "40801325" }

{ "\_id" : ObjectId("634fe5df499ffdd147451e2c"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Regal Entertainment Group", "restaurant\_id" : "40891782" }

> db.addresses.find({"borough": "Bronx", $or: [{cuisine: "American"},{cuisine: "Chinese"}]}).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd147450f9f"),

"address" : {

"building" : "1236",

"coord" : [

-73.8893654,

40.81376179999999

],

"street" : "238 Spofford Ave",

"zipcode" : "10474"

},

"borough" : "Bronx",

"cuisine" : "Chinese",

"grades" : [

{

"date" : ISODate("2013-12-30T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2013-01-08T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-06-12T00:00:00Z"),

"grade" : "B",

"score" : 15

}

],

"name" : "Happy Garden",

"restaurant\_id" : "40363289"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450faa"),

"address" : {

"building" : "277",

"coord" : [

-73.8941893,

40.8634684

],

"street" : "East Kingsbridge Road",

"zipcode" : "10458"

},

"borough" : "Bronx",

"cuisine" : "Chinese",

"grades" : [

{

"date" : ISODate("2014-03-03T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2013-09-26T00:00:00Z"),

"grade" : "A",

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},

{

"date" : ISODate("2013-03-19T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-08-29T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2011-08-17T00:00:00Z"),

"grade" : "A",

"score" : 13

}

],

"name" : "Happy Garden",

"restaurant\_id" : "40364296"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451523"),

"address" : {

"building" : "2459",

"coord" : [

-73.8929629,

40.8601605

],

"street" : "Webster Avenue",

"zipcode" : "10458"

},

"borough" : "Bronx",

"cuisine" : "Chinese",

"grades" : [

{

"date" : ISODate("2014-12-23T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2014-01-07T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2012-12-28T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2012-07-18T00:00:00Z"),

"grade" : "A",

"score" : 13

}

],

"name" : "China Wok Ii",

"restaurant\_id" : "40510328"

}

> db.addresses.find({borough: {$in: ["Staten Island", "Queens", "Bronx", "Brooklyn"]}},{"name":1, restaurant\_id: 1, borough:1, cuisine:1})

{ "\_id" : ObjectId("634fe5df499ffdd147450f73"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant\_id" : "40356442" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f74"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f75"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f76"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f77"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f78"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f79"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant\_id" : "40358429" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7b"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7c"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40360076" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7d"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7e"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40361322" }

>db.addresses.find({"grades.score": {$lt: 10}},{restaurant\_id: 1, name:1,borough:1,cuisine:1})

{ "\_id" : ObjectId("634fe5df499ffdd147450f73"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant\_id" : "40356442" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f74"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f75"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f76"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f77"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f78"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

> db.addresses.find({$or: [{"name":{$regex: /^Wil/}}, {"$and": [{"cuisine": {$ne: "American"}},{"cuisine": {$ne: "Chinese"}}]}]},{name:1,restaurant\_id:1,cuisine:1,borough:1})

{ "\_id" : ObjectId("634fe5df499ffdd147450f73"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant\_id" : "40356442" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f74"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f75"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f76"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f77"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f78"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7a"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7b"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7c"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40360076" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7d"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7e"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40361322" }

> db.addresses.find({"grades.date": ISODate("2014-08-11T00:00:00Z"), "grades.grade": "A", "grades.score": 11},{restaurant\_id:1,name:1,grades:1})

{ "\_id" : ObjectId("634fe5df499ffdd147450ff1"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-07-22T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-07-02T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-02-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-24T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Neary'S Pub", "restaurant\_id" : "40365871" }

{ "\_id" : ObjectId("634fe5df499ffdd1474510cc"), "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" }

{ "\_id" : ObjectId("634fe5df499ffdd147451392"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-25T00:00:00Z"), "grade" : "C", "score" : 2 }, { "date" : ISODate("2012-10-23T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-04-16T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-11-15T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Mustang Sally'S Restaurant", "restaurant\_id" : "40397374" }

> db.addresses.find({"grades.date": ISODate("2014-08-11T00:00:00Z"), "grades.grade": "A", "grades.score": 9},{restaurant\_id:1,name:1,grades:1})

{ "\_id" : ObjectId("634fe5df499ffdd147450fc2"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-03-14T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-01-16T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-07-12T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Serendipity 3", "restaurant\_id" : "40364863" }

{ "\_id" : ObjectId("634fe5df499ffdd147450ff1"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-07-22T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-07-02T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-02-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-24T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Neary'S Pub", "restaurant\_id" : "40365871" }

{ "\_id" : ObjectId("634fe5df499ffdd1474510cc"), "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" }

> db.addresses.find({"address.coord.1": {$gt: 42, $lte:52}}, {name:1,restaurant\_id:1,address:1,coord:1})

{ "\_id" : ObjectId("634fe5df499ffdd147451216"), "address" : { "building" : "47", "coord" : [ -78.877224, 42.89546199999999 ], "street" : "Broadway @ Trinity Pl", "zipcode" : "10006" }, "name" : "T.G.I. Friday'S", "restaurant\_id" : "40387990" }

{ "\_id" : ObjectId("634fe5df499ffdd14745123e"), "address" : { "building" : "1", "coord" : [ -0.7119979, 51.6514664 ], "street" : "Pennplaza E, Penn Sta", "zipcode" : "10001" }, "name" : "T.G.I. Fridays", "restaurant\_id" : "40388936" }

{ "\_id" : ObjectId("634fe5df499ffdd14745149c"), "address" : { "building" : "3000", "coord" : [ -87.86567699999999, 42.61150920000001 ], "street" : "47 Avenue", "zipcode" : "11101" }, "name" : "Di Luvio'S Deli", "restaurant\_id" : "40402284" }

{ "\_id" : ObjectId("634fe5df499ffdd1474516cd"), "address" : { "building" : "21972199", "coord" : [ -78.589606, 42.8912372 ], "street" : "Broadway", "zipcode" : "10024" }, "name" : "La Caridad 78", "restaurant\_id" : "40568285" }

{ "\_id" : ObjectId("634fe5df499ffdd147451da1"), "address" : { "building" : "7981", "coord" : [ -84.9751215, 45.4713351 ], "street" : "Hoyt Street", "zipcode" : "11201" }, "name" : "Bijan'S", "restaurant\_id" : "40876618" }

> db.addresses.find({}).sort({"name":1}).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd147451c02"),

"address" : {

"building" : "129",

"coord" : [

-73.962943,

40.685007

],

"street" : "Gates Avenue",

"zipcode" : "11238"

},

"borough" : "Brooklyn",

"cuisine" : "Italian",

"grades" : [

{

"date" : ISODate("2014-03-06T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2013-08-29T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2013-03-08T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2012-06-27T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2011-11-17T00:00:00Z"),

"grade" : "A",

"score" : 12

}

],

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

"restaurant\_id" : "40804423"

}

{

"\_id" : ObjectId("634fe5df499ffdd147450f7a"),

"address" : {

"building" : "1",

"coord" : [

-73.96926909999999,

40.7685235

],

"street" : "East 66 Street",

"zipcode" : "10065"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-07T00:00:00Z"),

"grade" : "A",

"score" : 3

},

{

"date" : ISODate("2013-05-03T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

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

"grade" : "A",

"score" : 6

},

{

"date" : ISODate("2011-12-27T00:00:00Z"),

"grade" : "A",

"score" : 0

}

],

"name" : "1 East 66Th Street Kitchen",

"restaurant\_id" : "40359480"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451793"),

"address" : {

"building" : "10016",

"coord" : [

-73.8216636,

40.5838155

],

"street" : "Rockaway Beach Boulevard",

"zipcode" : "11694"

},

"borough" : "Queens",

"cuisine" : "Delicatessen",

"grades" : [

{

"date" : ISODate("2014-01-28T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-08-20T00:00:00Z"),

"grade" : "A",

"score" : 9

},

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"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-03-06T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2011-03-01T00:00:00Z"),

"grade" : "A",

"score" : 12

}

],

"name" : "101 Deli",

"restaurant\_id" : "40591271"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451687"),

"address" : {

"building" : "10018",

"coord" : [

-74.0343092,

40.6125569

],

"street" : "4 Avenue",

"zipcode" : "11209"

},

"borough" : "Brooklyn",

"cuisine" : "Italian",

"grades" : [

{

"date" : ISODate("2014-12-01T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2013-11-29T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2013-06-03T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-06-05T00:00:00Z"),

"grade" : "B",

"score" : 15

},

{

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

"grade" : "A",

"score" : 10

}

],

"name" : "101 Restaurant And Bar",

"restaurant\_id" : "40560108"

}

> db.addresses.find({}).sort({"name":-1}).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd147451035"),

"address" : {

"building" : "6946",

"coord" : [

-73.8811834,

40.7017759

],

"street" : "Myrtle Avenue",

"zipcode" : "11385"

},

"borough" : "Queens",

"cuisine" : "German",

"grades" : [

{

"date" : ISODate("2014-09-24T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2014-04-17T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2013-03-12T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-10-02T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2012-05-09T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2011-12-28T00:00:00Z"),

"grade" : "B",

"score" : 24

}

],

"name" : "Zum Stammtisch",

"restaurant\_id" : "40367377"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451b6a"),

"address" : {

"building" : "107109",

"coord" : [

-73.9744668,

40.731155

],

"street" : "Avenue C",

"zipcode" : "10009"

},

"borough" : "Manhattan",

"cuisine" : "German",

"grades" : [

{

"date" : ISODate("2014-03-04T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2013-08-21T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2013-02-27T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2012-06-05T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2011-12-20T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2011-07-15T00:00:00Z"),

"grade" : "A",

"score" : 6

}

],

"name" : "Zum Schneider",

"restaurant\_id" : "40763382"

}

> db.addresses.find({}).sort({"cuisine":1,"borough":-1}).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd14745165e"),

"address" : {

"building" : "1345",

"coord" : [

-73.959249,

40.768076

],

"street" : "2 Avenue",

"zipcode" : "10021"

},

"borough" : "Manhattan",

"cuisine" : "Afghan",

"grades" : [

{

"date" : ISODate("2014-10-07T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2013-10-23T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2012-10-26T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-04-26T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2012-01-12T00:00:00Z"),

"grade" : "P",

"score" : 10

}

],

"name" : "Afghan Kebab House",

"restaurant\_id" : "40552806"

}

{

"\_id" : ObjectId("634fe5df499ffdd14745178a"),

"address" : {

"building" : "34",

"coord" : [

-73.9883612,

40.7286391

],

"street" : "St Marks Place",

"zipcode" : "10003"

},

"borough" : "Manhattan",

"cuisine" : "Afghan",

"grades" : [

{

"date" : ISODate("2014-02-20T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-08-06T00:00:00Z"),

"grade" : "B",

"score" : 17

},

{

"date" : ISODate("2013-01-31T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-05-24T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2011-12-13T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2011-08-25T00:00:00Z"),

"grade" : "A",

"score" : 10

}

],

"name" : "Khyber Pass",

"restaurant\_id" : "40589545"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451840"),

"address" : {

"building" : "764",

"coord" : [

-73.9880435,

40.7641423

],

"street" : "9 Avenue",

"zipcode" : "10019"

},

"borough" : "Manhattan",

"cuisine" : "Afghan",

"grades" : [

{

"date" : ISODate("2014-12-30T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-10-10T00:00:00Z"),

"grade" : "B",

"score" : 19

},

{

"date" : ISODate("2013-02-25T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-08-09T00:00:00Z"),

"grade" : "C",

"score" : 2

},

{

"date" : ISODate("2012-02-16T00:00:00Z"),

"grade" : "A",

"score" : 9

}

],

"name" : "Afghan Kebab House #1",

"restaurant\_id" : "40616799"

}

> db.addresses.find({"address.street": {$exists: true}})

{ "\_id" : ObjectId("634fe5df499ffdd147450f73"), "address" : { "building" : "2206", "coord" : [ -74.1377286, 40.6119572 ], "street" : "Victory Boulevard", "zipcode" : "10314" }, "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "grades" : [ { "date" : ISODate("2014-10-06T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-05-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-04T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-01-24T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Kosher Island", "restaurant\_id" : "40356442" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f74"), "address" : { "building" : "6409", "coord" : [ -74.00528899999999, 40.628886 ], "street" : "11 Avenue", "zipcode" : "11219" }, "borough" : "Brooklyn", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-07-18T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-02-13T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-08-16T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2011-08-17T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f75"), "address" : { "building" : "7114", "coord" : [ -73.9068506, 40.6199034 ], "street" : "Avenue U", "zipcode" : "11234" }, "borough" : "Brooklyn", "cuisine" : "Delicatessen", "grades" : [ { "date" : ISODate("2014-05-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-03T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-07-18T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-09T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-10-14T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

> db.addresses.find({"address.coord": {$type: 1}})

{ "\_id" : ObjectId("634fe5df499ffdd147450f73"), "address" : { "building" : "2206", "coord" : [ -74.1377286, 40.6119572 ], "street" : "Victory Boulevard", "zipcode" : "10314" }, "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "grades" : [ { "date" : ISODate("2014-10-06T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-05-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-04T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-01-24T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Kosher Island", "restaurant\_id" : "40356442" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f74"), "address" : { "building" : "6409", "coord" : [ -74.00528899999999, 40.628886 ], "street" : "11 Avenue", "zipcode" : "11219" }, "borough" : "Brooklyn", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-07-18T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-02-13T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-08-16T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2011-08-17T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f75"), "address" : { "building" : "7114", "coord" : [ -73.9068506, 40.6199034 ], "street" : "Avenue U", "zipcode" : "11234" }, "borough" : "Brooklyn", "cuisine" : "Delicatessen", "grades" : [ { "date" : ISODate("2014-05-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-03T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-07-18T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-09T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-10-14T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

> db.addresses.find({"grades.score": {$mod: [7,0]}},{restaurant\_id:1,name:1,grades:1})

{ "\_id" : ObjectId("634fe5df499ffdd147450f79"), "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" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7a"), "grades" : [ { "date" : ISODate("2014-05-07T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-05-03T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-04-30T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2011-12-27T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f7b"), "grades" : [ { "date" : ISODate("2014-11-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-05-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-12-30T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f81"), "grades" : [ { "date" : ISODate("2014-08-16T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-08-27T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-09-20T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-09-29T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Sal'S Deli", "restaurant\_id" : "40361618" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f84"), "grades" : [ { "date" : ISODate("2014-03-19T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-03-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-03-27T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-04-05T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "\_id" : ObjectId("634fe5df499ffdd147450f85"), "grades" : [ { "date" : ISODate("2014-09-15T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-03-04T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-07-18T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-01-09T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-04-10T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-15T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Harriet'S Kitchen", "restaurant\_id" : "40362098" }

> db.addresses.find({"name": {$regex: /mon/}},{name:1,borough:1,cuisine:1, "address.coord":1}).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd147451005"),

"address" : {

"coord" : [

-73.98306099999999,

40.7441419

]

},

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Desmond'S Tavern"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451011"),

"address" : {

"coord" : [

-73.8221418,

40.7272376

]

},

"borough" : "Queens",

"cuisine" : "Jewish/Kosher",

"name" : "Shimons Kosher Pizza"

}

{

"\_id" : ObjectId("634fe5df499ffdd14745101a"),

"address" : {

"coord" : [

-74.10465599999999,

40.58834

]

},

"borough" : "Staten Island",

"cuisine" : "American ",

"name" : "Richmond County Country Club"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451045"),

"address" : {

"coord" : [

-73.9812843,

40.5947365

]

},

"borough" : "Brooklyn",

"cuisine" : "Pizza/Italian",

"name" : "Lb Spumoni Gardens"

}

{

"\_id" : ObjectId("634fe5df499ffdd14745109b"),

"address" : {

"coord" : [

-73.951199,

40.7166026

]

},

"borough" : "Brooklyn",

"cuisine" : "Italian",

"name" : "Bamonte'S Restaurant"

}

{

"\_id" : ObjectId("634fe5df499ffdd1474510d0"),

"address" : {

"coord" : [

-73.924072,

40.76108900000001

]

},

"borough" : "Queens",

"cuisine" : "Greek",

"name" : "Omonia Cafe"

}

> db.addresses.find({"name": {$regex: /^Mad/}},{name:1,borough:1,cuisine:1, "address.coord":1}).pretty()

{

"\_id" : ObjectId("634fe5df499ffdd1474514ae"),

"address" : {

"coord" : [

-73.9860597,

40.7431194

]

},

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Madison Square"

}

{

"\_id" : ObjectId("634fe5df499ffdd14745157e"),

"address" : {

"coord" : [

-73.98302199999999,

40.742313

]

},

"borough" : "Manhattan",

"cuisine" : "Indian",

"name" : "Madras Mahal"

}

{

"\_id" : ObjectId("634fe5df499ffdd14745182c"),

"address" : {

"coord" : [

-74.000002,

40.72735

]

},

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Madame X"

}

{

"\_id" : ObjectId("634fe5df499ffdd1474518dd"),

"address" : {

"coord" : [

-73.98171959999999,

40.7499406

]

},

"borough" : "Manhattan",

"cuisine" : "French",

"name" : "Madison Bistro"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451966"),

"address" : {

"coord" : [

-73.9717845,

40.6897199

]

},

"borough" : "Brooklyn",

"cuisine" : "African",

"name" : "Madiba"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451c67"),

"address" : {

"coord" : [

-73.9040753,

40.9069011

]

},

"borough" : "Bronx",

"cuisine" : "Italian",

"name" : "Madison'S"

}

{

"\_id" : ObjectId("634fe5df499ffdd147451cea"),

"address" : {

"coord" : [

-73.9886598,

40.7565811

]

},

"borough" : "Manhattan",

"cuisine" : "Hotdogs",

"name" : "Madame Tussaud'S"

}