

MongoDB – Complex Queries

MongoDB Exercise – Restaurants Data Sets

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bp7-shard-0:PRIMARY> show dbs
Movies          0.000GB
admin           0.000GB
local           3.681GB
mongo_practice 0.000GB
population      0.003GB
restaurants     0.001GB
test            0.000GB
MongoDB Enterprise atlas-14bp7-shard-0:PRIMARY> use restaurants
switched to db restaurants
MongoDB Enterprise atlas-14bp7-shard-0:PRIMARY> show collections
addresses
MongoDB Enterprise atlas-14bp7-shard-0:PRIMARY> db.addresses.find().pretty();
{
    "_id" : ObjectId("61084f9aab9243a1f6d5c15"),
    "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
        }
    ]
}
```

Exercise Questions:

1.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
0357217" }
{
    "_id" : ObjectId("61084f9aab9243a1f6d5c20"),
    "address" : { "building" : "7715", "coord" : [ -73.9973325, 40.6117489999999 ], "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" : 5 }
    ],
    "name" : "C & C Catering Service",
    "restaurant_id" : "40357437"
},
{
    "_id" : ObjectId("61084f9aab9243a1f6d5c21"),
    "address" : { "building" : "1269", "coord" : [ -73.871194, 40.6738975 ],
        "street" : "Sutter Avenue", "zipcode" : "11208" },
    "borough" : "Brooklyn",
    "cuisine" : "Chinese",
    "grades" : [
        { "date" : ISODate("2014-09-16T00:00:00Z"), "grade" : "B", "score" : 21 },
        { "date" : ISODate("2013-04-27T00:00:00Z"), "grade" : "C", "score" : 56 }
    ],
    "name" : "May May Kitchen",
    "restaurant_id" : "40358429"
},
{
    "_id" : ObjectId("61084f9aab9243a1f6d5c22"),
    "address" : { "building" : "1", "coord" : [ -73.9692699999999, 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 }
    ],
    "name" : "1 East 66th Street Kitchen",
    "restaurant_id" : "40359488"
},
{
    "_id" : ObjectId("61084f9aab9243a1f6d5c23"),
    "address" : { "building" : "785", "coord" : [ -73.9653967, 40.6064339 ],
        "street" : "Kings Highway", "zipcode" : "11223" },
    "borough" : "Brooklyn",
    "cuisine" : "Jewish/Kosher",
    "grades" : [
        { "date" : ISODate("2014-11-10T00:00:00Z"), "grade" : "A", "score" : 11 },
        { "date" : ISODate("2013-10-19T00:00:00Z"), "grade" : "A", "score" : 13 },
        { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 7 }
    ],
    "name" : "Seuda Foods",
    "restaurant_id" : "40360045"
},
{
    "_id" : ObjectId("61084f9aab9243a1f6d5c24"),
    "address" : { "building" : "203", "coord" : [ -73.9782204000001, 40.6435254 ],
        "street" : "Church Avenue", "zipcode" : "11218" },
    "borough" : "Brooklyn",
    "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",
    "grades" : [
        { "date" : ISODate("2014-02-10T00:00:00Z"), "grade" : "A", "score" : 2 },
        { "date" : ISODate("2013-01-02T00:00:00Z"), "grade" : "A", "score" : 13 },
        { "date" : ISODate("2012-01-09T00:00:00Z"), "grade" : "A", "score" : 3 }
    ],
    "name" : "Carvel Ice Cream",
    "restaurant_id" : "40361076"
},
{
    "_id" : ObjectId("61084f9aab9243a1f6d5c25"),
    "address" : { "building" : "265-15", "coord" : [ -73.7032681, 40.7386417 ],
        "street" : "Hillside Avenue", "zipcode" : "11004" },
    "borough" : "Queens",
    "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",
    "grades" : [
        { "date" : ISODate("2014-10-28T00:00:00Z"), "grade" : "A", "score" : 9 },
        { "date" : ISODate("2013-09-18T00:00:00Z"), "grade" : "A", "score" : 10 },
        { "date" : ISODate("2012-09-20T00:00:00Z"), "grade" : "A", "score" : 13 }
    ],
    "name" : "Carvel Ice Cream",
    "restaurant_id" : "40361322"
},
{
    "_id" : ObjectId("61084f9aab9243a1f6d5c26"),
    "address" : { "building" : "6909", "coord" : [ -74.0259567, 40.6353674 ],
        "street" : "3 Avenue", "zipcode" : "11209" },
    "borough" : "Brooklyn",
    "cuisine" : "Delicatessen",
    "grades" : [
        { "date" : ISODate("2014-08-21T00:00:00Z"), "grade" : "A", "score" : 4 }
    ],
    "name" : "Nordic Delicacies",
    "restaurant_id" : "40361390"
},
{
    "_id" : ObjectId("61084f9aab9243a1f6d5c27"),
    "address" : { "building" : "522", "coord" : [ -73.95171, 40.767461 ],
        "street" : "East 74 Street", "zipcode" : "10021" },
    "borough" : "Manhattan",
    "cuisine" : "American",
    "grades" : [
        { "date" : ISODate("2014-09-02T00:00:00Z"), "grade" : "A", "score" : 12 },
        { "date" : ISODate("2013-12-19T00:00:00Z"), "grade" : "B", "score" : 16 },
        { "date" : ISODate("2013-05-28T00:00:00Z"), "grade" : "A", "score" : 9 }
    ],
    "name" : "Glorious Food",
    "restaurant_id" : "40361521"
},
{
    "_id" : ObjectId("61084f9aab9243a1f6d5c28"),
    "address" : { "building" : "284", "coord" : [ -73.9829239, 40.6580753 ],
        "street" : "Prospect Park West", "zipcode" : "11215" },
    "borough" : "Brooklyn",
    "cuisine" : "American",
    "grades" : [
        { "date" : ISODate("2014-11-19T00:00:00Z"), "grade" : "A", "score" : 11 },
        { "date" : ISODate("2012-12-05T00:00:00Z"), "grade" : "A", "score" : 13 },
        { "date" : ISODate("2012-05-17T00:00:00Z"), "grade" : "A", "score" : 11 }
    ],
    "name" : "The Movable Feast",
    "restaurant_id" : "40361606"
}
MongoDB Enterprise atlas-14bp7-shard-0:PRIMARY>
```

```
as C:\Windows\System32\cmd.exe - mongo "mongodb://cluster0.0.apnny.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr shard-0.PRIMARY> db.addresses.find();
{
  "_id": ObjectId("6108479abac2341af6dc51c"),
  "address": {
    "building": "1007",
    "coord": [-73.856077, 40.848447],
    "street": "Morris Park Ave",
    "zipcode": "10462"
  },
  "borough": "Bronx",
  "cuisine": "Bakery",
  "grades": [
    {
      "date": ISODate("2014-03-01T00:00:00Z"),
      "grade": "A",
      "score": 2
    },
    {
      "date": ISODate("2013-09-11T20:00:00Z"),
      "grade": "A",
      "score": 9
    }
  ],
  "name": "Morris Park Bake Shop",
  "restaurant_id": "30875445"
},
{
  "_id": ObjectId("6108479abac2341af6dc51c"),
  "address": {
    "building": "460",
    "coord": [-73.961704, 40.662942],
    "street": "Flatbush Avenue",
    "zipcode": "11225"
  },
  "borough": "Brooklyn",
  "cuisine": "Hamburgers",
  "grades": [
    {
      "date": ISODate("2014-12-30T00:00:00Z"),
      "grade": "B",
      "score": 14
    }
  ],
  "name": "Wendy's",
  "restaurant_id": "301112340"
},
{
  "_id": ObjectId("6108479abac2341af6dc51c"),
  "address": {
    "building": "351",
    "coord": [-73.98513559999999, 40.7676919],
    "street": "West 57 Street",
    "zipcode": "10019"
  },
  "borough": "Manhattan",
  "cuisine": "Irish",
  "grades": [
    {
      "date": ISODate("2012-07-31T00:00:00Z"),
      "grade": "A",
      "score": 11
    }
  ],
  "name": "Dj Reynolds Pub And Restaurant",
  "restaurant_id": "30191841"
},
{
  "_id": ObjectId("6108479abac2341af6dc51c"),
  "address": {
    "building": "2780",
    "coord": [-73.0824199000000, 40.579585],
    "street": "Stillwell Avenue",
    "zipcode": "11224"
  },
  "borough": "Brooklyn",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-06-19T00:00:00Z"),
      "grade": "A",
      "score": 5
    }
  ],
  "name": "Riviera Caterers",
  "restaurant_id": "40358018"
},
{
  "_id": ObjectId("6108479abac2341af6dc51c"),
  "address": {
    "building": "9825",
    "coord": [-73.8898327, 40.7643124],
    "street": "Astoria Boulevard",
    "zipcode": "11369"
  },
  "borough": "Queens",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-11-15T00:00:00Z"),
      "grade": "Z",
      "score": 38
    }
  ],
  "name": "Brunos On The Boulevard",
  "restaurant_id": "40356151"
},
{
  "_id": ObjectId("6108479abac2341af6dc51c"),
  "address": {
    "building": "2206",
    "coord": [-74.1372728, 40.6119572],
    "street": "Victory Boulevard",
    "zipcode": "10314"
  },
  "borough": "Staten Island",
  "cuisine": "Jewish/Kosher",
  "grades": [
    {
      "date": ISODate("2014-16-06T00:00:00Z"),
      "grade": "A",
      "score": 9
    }
  ],
  "name": "Kosher Island",
  "restaurant_id": "40356442"
},
{
  "_id": ObjectId("6108479abac2341af6dc51c"),
  "address": {
    "building": "7114",
    "coord": [-73.9608560, 40.6199034],
    "street": "Avenue U",
    "zipcode": "11234"
  },
  "borough": "Brooklyn",
  "cuisine": "Delicatessen",
  "grades": [
    {
      "date": ISODate("2014-05-29T00:00:00Z"),
      "grade": "A",
      "score": 10
    }
  ],
  "name": "Wilken's Fine Food",
  "restaurant_id": "40356483"
},
{
  "_id": ObjectId("6108479abac2341af6dc51c"),
  "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
    }
  ],
  "name": "Regina Caterers",
  "restaurant_id": "40356649"
},
{
  "_id": ObjectId("6108479abac2341af6dc51c"),
  "address": {
    "building": "1839",
    "coord": [-73.9482698, 40.6488271],
    "street": "Nostrand Avenue",
    "zipcode": "11226"
  },
  "borough": "Brooklyn",
  "cuisine": "Ice Cream, Gelato, Yogurt, Ices",
  "grades": [
    {
      "date": ISODate("2012-07-18T00:00:00Z"),
      "grade": "A",
      "score": 8
    }
  ],
  "name": "Taste The Tropics Ice Cream",
  "restaurant_id": "40356731"
},
{
  "_id": ObjectId("6108479abac2341af6dc51c"),
  "address": {
    "building": "2300",
    "coord": [-73.8786113, 40.8502881],
    "street": "Southern Boulevard",
    "zipcode": "10460"
  },
  "borough": "Bronx",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-05-28T00:00:00Z"),
      "grade": "A",
      "score": 5
    }
  ],
  "name": "Wild Asia",
  "restaurant_id": "40357217"
}
```

2

```
C:\Windows\System32\cmd.exe - mongo "mongodb://srv/cluster0.apnpg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.addresses.find({}, { "restaurants":1, "name":1, "borough":1, "cuisine":1});
{
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c15",
    "name": "Bronx",
    "borough": "Bronx",
    "cuisine": "Bakery",
    "name": "Morris Park Bake Shop"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c15",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "Hamburgers",
    "name": "Wendy'S"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c17",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "Irish",
    "name": "Dj Reynolds Pub And Restaurant"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c17",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "American",
    "name": "Riviera Caterer"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c19",
    "name": "Queens",
    "borough": "Queens",
    "cuisine": "Jewish/Kosher",
    "name": "ToV Kosher Kitchen"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c19",
    "name": "Queens",
    "borough": "Queens",
    "cuisine": "American",
    "name": "Brunos On The Boulevard"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c1b",
    "name": "Staten Island",
    "borough": "Staten Island",
    "cuisine": "Jewish/Kosher",
    "name": "Kosher Island"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c1c",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "Delicatessen",
    "name": "Wilken'S Fine Food"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c1d",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "American",
    "name": "Regina Caterers"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c1e",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "Ice Cream, Gelato, Yogurt, Ices",
    "name": "Taste The Tropics Ice Cream"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c1f",
    "name": "Bronx",
    "borough": "Bronx",
    "cuisine": "American",
    "name": "Wild Asia"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c20",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "American",
    "name": "C & C Catering Service"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c21",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "Chinese",
    "name": "May May Kitchen"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c22",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "American",
    "name": "1 East 66Th Street Kitchen"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c23",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "Jewish/Kosher",
    "name": "Seuda Foods"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c24",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "Ice Cream, Gelato, Yogurt, Ices",
    "name": "Carvel Ice Cream"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c25",
    "name": "Queens",
    "borough": "Queens",
    "cuisine": "Ice Cream, Gelato, Yogurt, Ices",
    "name": "Carvel Ice Cream"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c26",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "Delicatessen",
    "name": "Nordic Delicacies"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c27",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "American",
    "name": "Glorious Food"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c28",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "American",
    "name": "The Movable Feast"
  }
}
Type "it" for more

MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> it
{
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c29",
    "name": "Queens",
    "borough": "Queens",
    "cuisine": "Delicatessen",
    "name": "Sal'S Deli"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c2a",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "Delicatessen",
    "name": "Bully'S Deli"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c2b",
    "name": "Queens",
    "borough": "Queens",
    "cuisine": "Delicatessen",
    "name": "Steve Chu'S Deli & Grocery"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c2c",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "Chicken",
    "name": "Harriet'S Kitchen"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c2d",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "American",
    "name": "P & S Deli Grocery"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c2e",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "American",
    "name": "Angelika Film Center"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c2f",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "Hamburgers",
    "name": "White Castle"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c30",
    "name": "Queens",
    "borough": "Queens",
    "cuisine": "Chinese",
    "name": "Ho Mei Restaurant"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c31",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "Turkish",
    "name": "The Country Cafe"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c32",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "Caribbean",
    "name": "Shashemene Int'L Restaura"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c33",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "American",
    "name": "Downtown Deli"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c34",
    "name": "Bronx",
    "borough": "Bronx",
    "cuisine": "Ice Cream, Gelato, Yogurt, Ices",
    "name": "Carvel Ice Cream"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c35",
    "name": "Brooklyn",
    "borough": "Brooklyn",
    "cuisine": "Donuts",
    "name": "Dunkin' Donuts"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c36",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "American",
    "name": "Meijlander & Mulgannon"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c37",
    "name": "Bronx",
    "borough": "Bronx",
    "cuisine": "Bakery",
    "name": "Olive'S"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c38",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "Chinese",
    "name": "Happy Garden"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c39",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "American",
    "name": "Cafe Metro"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c3a",
    "name": "Queens",
    "borough": "Queens",
    "cuisine": "Delicatessen",
    "name": "Tony'S Deli"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c3b",
    "name": "Manhattan",
    "borough": "Manhattan",
    "cuisine": "Sandwiches/Salads/Mixed Buffet",
    "name": "Lexler Deli"
  },
  "_id": {
    "$objId": "61084f9abc9243a1f6d5c3c",
    "name": "Staten Island",
    "borough": "Staten Island",
    "cuisine": "Delicatessen",
    "name": "Bagels N Buns"
  }
}
Type "it" for more

MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

3.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnqy.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpnr7-shard-0:PRIMARY> db.addresses.find({}, {"restaurants_id":1, "name":1, "borough":1, "cuisine":1, "_id":0});
{
  "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" }
  {"borough" : "Queens", "cuisine" : "American", "name" : "Brunos On The Boulevard" }
  {"borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island" }
  {"borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken's Fine Food" }
  {"borough" : "Brooklyn", "cuisine" : "American", "name" : "Regina Caterers" }
  {"borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream" }
  {"borough" : "Bronx", "cuisine" : "American", "name" : "Wild Asia" }
  {"borough" : "Brooklyn", "cuisine" : "American", "name" : "C & C Catering Service" }
  {"borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen" }
  {"borough" : "Manhattan", "cuisine" : "American", "name" : "1 East 66th Street Kitchen" }
  {"borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods" }
  {"borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream" }
  {"borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream" }
  {"borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies" }
  {"borough" : "Manhattan", "cuisine" : "American", "name" : "Glorious Food" }
  {"borough" : "Brooklyn", "cuisine" : "American", "name" : "The Movable Feast" }
}
Type "it" for more
MongoDB Enterprise atlas-14bpnr7-shard-0:PRIMARY> it
{
  "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Sal's Deli" }
  {"borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Bully's Deli" }
  {"borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Steve Chu's Deli & Grocery" }
  {"borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Harriet's Kitchen" }
  {"borough" : "Manhattan", "cuisine" : "American", "name" : "P & S Deli Grocery" }
  {"borough" : "Manhattan", "cuisine" : "American", "name" : "Angelika Film Center" }
  {"borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "White Castle" }
  {"borough" : "Queens", "cuisine" : "Chinese", "name" : "Ho Mei Restaurant" }
  {"borough" : "Manhattan", "cuisine" : "Turkish", "name" : "The Country Cafe" }
  {"borough" : "Brooklyn", "cuisine" : "Caribbean", "name" : "Shashemene Int'l Restaura" }
  {"borough" : "Manhattan", "cuisine" : "American", "name" : "Downtown Deli" }
  {"borough" : "Bronx", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream" }
  {"borough" : "Brooklyn", "cuisine" : "Donuts", "name" : "Dunkin' Donuts" }
  {"borough" : "Brooklyn", "cuisine" : "American", "name" : "Meijlander & Mulgannon" }
  {"borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Olive'S" }
  {"borough" : "Bronx", "cuisine" : "Chinese", "name" : "Happy Garden" }
  {"borough" : "Manhattan", "cuisine" : "American", "name" : "Cafe Metro" }
  {"borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Tony's Deli" }
  {"borough" : "Manhattan", "cuisine" : "Sandwiches/Salads/Mixed Buffet", "name" : "Lexler Deli" }
  {"borough" : "Staten Island", "cuisine" : "Delicatessen", "name" : "Bagels N Buns" }
}
Type "it" for more
MongoDB Enterprise atlas-14bpnr7-shard-0:PRIMARY> it
{
  "borough" : "Queens", "cuisine" : "Bagels/Pretzels", "name" : "Hot Bagels" }
```

4.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnqy.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpnr7-shard-0:PRIMARY> db.addresses.find({}, {"restaurants_id":1, "name":1, "borough":1, "address.zipcode":1, "_id":0});
{
  "address" : { "zipcode" : "10462" }, "borough" : "Bronx", "name" : "Morris Park Bake Shop" }
  {"address" : { "zipcode" : "11225" }, "borough" : "Brooklyn", "name" : "Wendy's" }
  {"address" : { "zipcode" : "10019" }, "borough" : "Manhattan", "name" : "Dj Reynolds Pub And Restaurant" }
  {"address" : { "zipcode" : "11224" }, "borough" : "Brooklyn", "name" : "Riviera Caterer" }
  {"address" : { "zipcode" : "11374" }, "borough" : "Queens", "name" : "Tov Kosher Kitchen" }
  {"address" : { "zipcode" : "11369" }, "borough" : "Queens", "name" : "Brunos On The Boulevard" }
  {"address" : { "zipcode" : "10314" }, "borough" : "Staten Island", "name" : "Kosher Island" }
  {"address" : { "zipcode" : "11234" }, "borough" : "Brooklyn", "name" : "Wilken's Fine Food" }
  {"address" : { "zipcode" : "11219" }, "borough" : "Brooklyn", "name" : "Regina Caterers" }
  {"address" : { "zipcode" : "11226" }, "borough" : "Brooklyn", "name" : "Taste The Tropics Ice Cream" }
  {"address" : { "zipcode" : "10460" }, "borough" : "Bronx", "name" : "Wild Asia" }
  {"address" : { "zipcode" : "11214" }, "borough" : "Brooklyn", "name" : "C & C Catering Service" }
  {"address" : { "zipcode" : "11208" }, "borough" : "Brooklyn", "name" : "May May Kitchen" }
  {"address" : { "zipcode" : "10065" }, "borough" : "Manhattan", "name" : "1 East 66th Street Kitchen" }
  {"address" : { "zipcode" : "11223" }, "borough" : "Brooklyn", "name" : "Seuda Foods" }
  {"address" : { "zipcode" : "11218" }, "borough" : "Brooklyn", "name" : "Carvel Ice Cream" }
  {"address" : { "zipcode" : "11004" }, "borough" : "Queens", "name" : "Carvel Ice Cream" }
  {"address" : { "zipcode" : "11200" }, "borough" : "Brooklyn", "name" : "Nordic Delicacies" }
  {"address" : { "zipcode" : "10021" }, "borough" : "Manhattan", "name" : "Glorious Food" }
  {"address" : { "zipcode" : "11215" }, "borough" : "Brooklyn", "name" : "The Movable Feast" }
}
Type "it" for more
MongoDB Enterprise atlas-14bpnr7-shard-0:PRIMARY> it
{
  "address" : { "zipcode" : "11356" }, "borough" : "Queens", "name" : "Sal's Deli" }
  {"address" : { "zipcode" : "10003" }, "borough" : "Manhattan", "name" : "Bully's Deli" }
  {"address" : { "zipcode" : "11106" }, "borough" : "Queens", "name" : "Steve Chu's Deli & Grocery" }
  {"address" : { "zipcode" : "10024" }, "borough" : "Manhattan", "name" : "Harriet's Kitchen" }
  {"address" : { "zipcode" : "10025" }, "borough" : "Manhattan", "name" : "P & S Deli Grocery" }
  {"address" : { "zipcode" : "10012" }, "borough" : "Manhattan", "name" : "Angelika Film Center" }
  {"address" : { "zipcode" : "11205" }, "borough" : "Brooklyn", "name" : "White Castle" }
  {"address" : { "zipcode" : "11368" }, "borough" : "Queens", "name" : "Ho Mei Restaurant" }
  {"address" : { "zipcode" : "10005" }, "borough" : "Manhattan", "name" : "The Country Cafe" }
  {"address" : { "zipcode" : "11203" }, "borough" : "Brooklyn", "name" : "Shashemene Int'l Restaura" }
  {"address" : { "zipcode" : "10007" }, "borough" : "Manhattan", "name" : "Downtown Deli" }
  {"address" : { "zipcode" : "10466" }, "borough" : "Bronx", "name" : "Carvel Ice Cream" }
  {"address" : { "zipcode" : "11201" }, "borough" : "Brooklyn", "name" : "Dunkin' Donuts" }
  {"address" : { "zipcode" : "11209" }, "borough" : "Brooklyn", "name" : "Meijlander & Mulgannon" }
  {"address" : { "zipcode" : "10012" }, "borough" : "Manhattan", "name" : "Olive'S" }
  {"address" : { "zipcode" : "10047" }, "borough" : "Bronx", "name" : "Happy Garden" }
  {"address" : { "zipcode" : "10018" }, "borough" : "Manhattan", "name" : "Cafe Metro" }
  {"address" : { "zipcode" : "11385" }, "borough" : "Queens", "name" : "Tony's Deli" }
  {"address" : { "zipcode" : "10174" }, "borough" : "Manhattan", "name" : "Lexler Deli" }
  {"address" : { "zipcode" : "10314" }, "borough" : "Staten Island", "name" : "Bagels N Buns" }
}
Type "it" for more
MongoDB Enterprise atlas-14bpnr7-shard-0:PRIMARY> it
{
  "address" : { "zipcode" : "11379" }, "borough" : "Queens", "name" : "Hot Bagels" }
```

5.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnny.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bprr-shard-0:PRIMARY> db.addresses.find({ "borough" : "Bronx"}).limit(5);
{
  "_id" : ObjectId("61084f9abcc9243a1f6d5c15"),
  "address" : {
    "building" : "1007",
    "coord" : [ -73.856077, 40.848447 ],
    "street" : "Morris Park Ave",
    "zipcode" : "10462"
  },
  "borough" : "Bronx",
  "cuisine" : "Bakery",
  "grades" : [
    {
      "date" : ISODate("2014-03-01T00:00:00Z"),
      "grade" : "A",
      "score" : 2
    },
    {
      "date" : ISODate("2013-09-11T00:00:00Z"),
      "grade" : "A",
      "score" : 10
    }
  ],
  "name" : "Morris Park Bake Shop",
  "restaurant_id" : "3087545"
},
{
  "_id" : ObjectId("61084f9abcc9243a1f6d5c16"),
  "address" : {
    "building" : "2300",
    "coord" : [ -73.8786113, 40.8502883 ],
    "street" : "Southern Boulevard",
    "zipcode" : "10460"
  },
  "borough" : "Bronx",
  "cuisine" : "American",
  "grades" : [
    {
      "date" : ISODate("2011-03-10T00:00:00Z"),
      "grade" : "B",
      "score" : 14
    }
  ],
  "name" : "Morris Park Bake Shop",
  "restaurant_id" : "3087545"
},
{
  "_id" : ObjectId("61084f9abcc9243a1f6d5c17"),
  "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("2012-06-15T00:00:00Z"),
      "grade" : "A",
      "score" : 3
    }
  ],
  "name" : "Wild Asia",
  "restaurant_id" : "40352717"
},
{
  "_id" : ObjectId("61084f9abcc9243a1f6d5c34"),
  "address" : {
    "building" : "1006",
    "coord" : [ -73.84956870000002, 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" : "A0363093"
},
{
  "_id" : ObjectId("61084f9abcc9243a1f6d5c38"),
  "address" : {
    "building" : "1236",
    "coord" : [ -73.8893654, 40.8137617999999 ],
    "street" : "238 Spofford Ave",
    "zipcode" : "10474"
  },
  "borough" : "Bronx",
  "cuisine" : "Chinese",
  "grades" : [
    {
      "date" : ISODate("2013-12-30T00:00:00Z"),
      "grade" : "A",
      "score" : 8
    },
    {
      "date" : ISODate("2012-06-12T00:00:00Z"),
      "grade" : "B",
      "score" : 15
    }
  ],
  "name" : "Happy Garden",
  "restaurant_id" : "40362899"
},
{
  "_id" : ObjectId("61084f9abcc9243a1f6d5c4a"),
  "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("2013-03-19T00:00:00Z"),
      "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"
}
MongoDB Enterprise atlas-14bprr-shard-0:PRIMARY>
```

6.

```
C:\Windows\System32\cmd.exe - mongo "mongodb://cluster0.0pngy.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.addresses.find({ "borough" : "Bronx" })
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5c15"),
  "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("2013-01-24T00:00:00Z"),
      "grade" : "A",
      "score" : 10
    }
  ],
  "name" : "Morris Park Bake Shop",
  "restaurant_id" : "3007545"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5c15"),
  "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" : "B",
      "score" : 14
    }
  ],
  "name" : "Morris Park Bake Shop",
  "restaurant_id" : "3007545"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5c15"),
  "address" : {
    "building" : "2300",
    "coord" : [ -73.8786113, 40.8502883 ],
    "street" : "Southern Boulevard",
    "zipcode" : "10460"
  },
  "borough" : "Bronx",
  "cuisine" : "American",
  "grades" : [
    {
      "date" : ISODate("2013-01-16T00:00:00Z"),
      "grade" : "A",
      "score" : 11
    },
    {
      "date" : ISODate("2013-01-16T00:00:00Z"),
      "grade" : "A",
      "score" : 3
    }
  ],
  "name" : "Wild Asia",
  "restaurant_id" : "4357217"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5c3d"),
  "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("2013-09-05T00:00:00Z"),
      "grade" : "A",
      "score" : 10
    },
    {
      "date" : ISODate("2013-02-21T00:00:00Z"),
      "grade" : "A",
      "score" : 9
    }
  ],
  "name" : "Carvel Ice Cream",
  "restauran_id" : "40363803"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5c39"),
  "address" : {
    "building" : "4236",
    "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("2011-07-11T00:00:00Z"),
      "grade" : "A",
      "score" : 11
    }
  ],
  "name" : "Happy Garden",
  "restaurant_id" : "40363289"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5c49"),
  "address" : {
    "building" : "277",
    "coord" : [ -73.8941803, 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("2013-03-02T19:00:00Z"),
      "grade" : "A",
      "score" : 10
    }
  ],
  "name" : "Happy Garden",
  "restauran_id" : "40364296"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5c52"),
  "address" : {
    "building" : "658",
    "coord" : [ -73.81363999999999, 40.82941100000001 ],
    "street" : "Clarence Avenue",
    "zipcode" : "10465"
  },
  "borough" : "Bronx",
  "cuisine" : "American",
  "grades" : [
    {
      "date" : ISODate("2012-06-21T00:00:00Z"),
      "grade" : "A",
      "score" : 15
    }
  ],
  "name" : "Manhem Club",
  "restaurant_id" : "40364363"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5c6a"),
  "address" : {
    "building" : "2222",
    "coord" : [ -73.84971599999999, 40.8304811 ],
    "street" : "Haviland Avenue",
    "zipcode" : "10462"
  },
  "borough" : "Bronx",
  "cuisine" : "American",
  "grades" : [
    {
      "date" : ISODate("2014-12-18T00:00:00Z"),
      "grade" : "A",
      "score" : 7
    }
  ],
  "name" : "The New Starling Athletic Club Of The Bronx",
  "restaurant_id" : "40364956"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5c82"),
  "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" : 9
    }
  ],
  "name" : "McDwney's Pub",
  "restauran_id" : "40365893"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5c95"),
  "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
    }
  ],
  "name" : "The Punch Bowl",
  "restauran_id" : "40366497"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5cb"),
  "address" : {
    "building" : "21",
    "coord" : [ -73.9168424, 40.8401362 ],
    "street" : "East 170 Street",
    "zipcode" : "10452"
  },
  "borough" : "Bronx",
  "cuisine" : "American",
  "grades" : [
    {
      "date" : ISODate("2014-12-16T00:00:00Z"),
      "grade" : "B",
      "score" : 22
    },
    {
      "date" : ISODate("2013-01-10T00:00:00Z"),
      "grade" : "A",
      "score" : 13
    }
  ],
  "name" : "McDwney's Pub",
  "restauran_id" : "40365893"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5cae"),
  "address" : {
    "building" : "5820",
    "coord" : [ -73.9002615, 40.8851816 ],
    "street" : "Broadway",
    "zipcode" : "10463"
  },
  "borough" : "Bronx",
  "cuisine" : "American",
  "grades" : [
    {
      "date" : ISODate("2014-02-26T00:00:00Z"),
      "grade" : "A",
      "score" : 5
    }
  ],
  "name" : "The 10-99",
  "restauran_id" : "40366497"
},
{
  "_id" : ObjectId("61084f9ab9c243a1f6d5ca"),
  "address" : {
    "building" : "18",
    "coord" : [ -73.901107, 40.8851816 ],
    "street" : "Broadway",
    "zipcode" : "10463"
  },
  "borough" : "Bronx",
  "cuisine" : "American",
  "grades" : [
    {
      "date" : ISODate("2013-05-15T00:00:00Z"),
      "grade" : "A",
      "score" : 9
    },
    {
      "date" : ISODate("2011-10-17T00:00:00Z"),
      "grade" : "A",
      "score" : 10
    }
  ],
  "name" : "The 10-99",
  "restauran_id" : "40366497"
}]]
```

7.

```
C:\Windows\System32\cmd.exe - mongo "mongodb://cluster0.apnyp.mongodb.net/myFirstDatabase" --username pi_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.addresses.find({ "borough": "Bronx" }).skip(5).limit(5);
{
  "_id": ObjectId("61084f9aabc9243af6dcs52"),
  "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
    }
  ],
  "name": "Manhem Club",
  "restaurant_id": "40364363"
},
{
  "_id": ObjectId("61084f9aabc9243af6dcs6a"),
  "address": {
    "building": "222",
    "coord": [-73.84971599999999, 40.8304811],
    "street": "Haviland Avenue",
    "zipcode": "10462"
  },
  "borough": "Bronx",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-12-18T00:00:00Z"),
      "grade": "A",
      "score": 7
    }
  ],
  "name": "The New Starling Athletic Club Of The Bronx",
  "restaurant_id": "40364956"
},
{
  "_id": ObjectId("61084f9aabc9243af6dcs82"),
  "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": 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
    },
    {
      "date": ISODate("2011-08-15T00:00:00Z"),
      "grade": "C",
      "score": 37
    }
  ],
  "name": "Yankee Tavern",
  "restaurant_id": "40365490"
},
{
  "_id": ObjectId("61084f9aabc9243af6dcs95"),
  "address": {
    "building": "331",
    "coord": -87.87786539999999,
    "street": "East 204 Street",
    "zipcode": "10467"
  },
  "borough": "Bronx",
  "cuisine": "Irish",
  "grades": [
    {
      "date": ISODate("2014-08-26T00:00:00Z"),
      "grade": "A",
      "score": 10
    },
    {
      "date": ISODate("2014-09-11T00:00:00Z"),
      "grade": "A",
      "score": 13
    },
    {
      "date": ISODate("2012-12-18T00:00:00Z"),
      "grade": "B",
      "score": 23
    },
    {
      "date": ISODate("2013-09-11T00:00:00Z"),
      "grade": "A",
      "score": 13
    },
    {
      "date": ISODate("2011-10-26T00:00:00Z"),
      "grade": "A",
      "score": 13
    }
  ],
  "name": "McDwrys Pub",
  "restaurant_id": "40365893"
},
{
  "_id": ObjectId("61084f9aabc9243af6dcae"),
  "address": {
    "building": "5820",
    "coord": [-73.9002615, 40.885186],
    "street": "Broadway",
    "zipcode": "10463"
  },
  "borough": "Bronx",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-02-26T00:00:00Z"),
      "grade": "A",
      "score": 5
    },
    {
      "date": ISODate("2013-10-09T00:00:00Z"),
      "grade": "B",
      "score": 19
    },
    {
      "date": ISODate("2013-05-15T00:00:00Z"),
      "grade": "A",
      "score": 9
    },
    {
      "date": ISODate("2012-11-20T00:00:00Z"),
      "grade": "B",
      "score": 18
    },
    {
      "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"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

8.

```
C:\Windows\System32\cmd.exe - mongo "mongodb://cluster0.apnyp.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpw7-shard-0:PRIMARY> db.addresses.find({grades:[{"score": {"$gt: 90}}]}));
{
  "_id" : ObjectId("61084f9aaebc9243af6df5d73"),
  "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("2014-08-22T00:00:00Z"),
      "grade" : "A",
      "score" : 11
    },
    {
      "date" : ISODate("2014-08-22T00:00:00Z"),
      "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 Randolph S",
  "restaurant_id" : "40372466"
},
{
  "_id" : ObjectId("61084f9aaebc9243af6df5e14"),
  "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("2013-05-30T00:00:00Z"),
      "grade" : "A",
      "score" : 12
    },
    {
      "date" : ISODate("2013-04-24T00:00:00Z"),
      "grade" : "B",
      "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("61084f9aaebc9243af6df5d79"),
  "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("2013-05-14T00:00:00Z"),
      "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"
}
MongoDB Enterprise atlas-14bpw7-shard-0:PRIMARY>
```

9.

```
C:\Windows\System32\cmd.exe - mongo "mongodb://cluster0.apnpy.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14opr7-shard-0:PRIMARY> db.addresses.find({grades:{$elemMatch:{score:{$gt:80, $lt:100}}}});
{
  "_id": ObjectId("61084f9aaebc9243af6ed5e14"),
  "address": {
    "building": "345",
    "coord": [-73.9864626, 40.7226739],
    "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": 5
    }
  ],
  "name": "Gandhi",
  "restaurant_id": "40381295"
},
{
  "_id": ObjectId("61084f9aaebc9243af6ed5e15"),
  "address": {
    "building": "130",
    "coord": [-73.984758, 40.7445793],
    "street": "Madison Avenue",
    "zipcode": "10016"
  },
  "borough": "Manhattan",
  "cuisine": "Pizza/Italian",
  "grades": [
    {
      "date": ISODate("2014-12-24T00:00:00Z"),
      "grade": "Z",
      "score": 31
    },
    {
      "date": ISODate("2014-11-17T00:00:00Z"),
      "grade": "Z",
      "score": 31
    }
  ],
  "name": "Bella Napoli",
  "restaurant_id": "40393498"
},
{
  "_id": ObjectId("61084f9abec9243af6ed6e73"),
  "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
    }
  ],
  "name": "West 79th Street Boat Basin Cafe",
  "restaurant_id": "40756344"
}
MongoDB Enterprise atlas-14opr7-shard-0:PRIMARY>
```

10.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnny.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.addresses.find({ "address.coord": { $lt: -95.754168 } });
{
  "_id": ObjectId("61084f9abc9243a1f6d625d"),
  "address": {
    "building": "3707",
    "coord": [-101.8945214, 33.5197474],
    "street": "82 Street",
    "zipcode": "11372"
  },
  "borough": "Queens",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-06-04T00:00:00Z"),
      "grade": "A",
      "score": 12
    },
    {
      "date": ISODate("2013-11-07T00:00:00Z"),
      "grade": "B",
      "score": 10
    }
  ],
  "name": "Burger King",
  "restaurant_id": "40534067"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d65c8"),
  "address": {
    "building": "15259",
    "coord": [-119.6368672, 36.2504996],
    "street": "10 Avenue",
    "zipcode": "11357"
  },
  "borough": "Queens",
  "cuisine": "Italian",
  "grades": [
    {
      "date": ISODate("2014-09-04T00:00:00Z"),
      "grade": "A",
      "score": 11
    },
    {
      "date": ISODate("2012-08-29T00:00:00Z"),
      "grade": "A",
      "score": 12
    }
  ],
  "name": "Cascarino S",
  "restaurant_id": "40668681"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d6a6e"),
  "address": {
    "building": "68",
    "coord": [-111.9975205, 42.6970258],
    "street": "West Side Highway",
    "zipcode": "10006"
  },
  "borough": "Manhattan",
  "cuisine": "Japanese",
  "grades": [
    {
      "date": ISODate("2012-07-05T00:00:00Z"),
      "grade": "A",
      "score": 9
    },
    {
      "date": ISODate("2011-07-27T00:00:00Z"),
      "grade": "A",
      "score": 13
    }
  ],
  "name": "Sports Center At Chelsea Piers (Sushi Bar)",
  "restaurant_id": "40882356"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

11.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnny.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.addresses.find({ $and: [ { "cuisine": "American" }, { "address.coord.0": { $gt: 0 } } ] });
{
  "_id": ObjectId("61084f9abc9243a1f6d5d73"),
  "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("2014-03-02T00:00:00Z"),
      "grade": "B",
      "score": 25
    }
  ],
  "name": "Randolph's S",
  "restaurant_id": "406372466"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d5e14"),
  "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("2013-04-24T00:00:00Z"),
      "grade": "B",
      "score": 12
    }
  ],
  "name": "Murals On 54(Randolph's) S",
  "restaurant_id": "406372466"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d5e2"),
  "address": {
    "building": "14",
    "coord": [-73.9883909, 40.740735],
    "street": "East 23 Street",
    "zipcode": "10010"
  },
  "borough": "Manhattan",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-08-08T00:00:00Z"),
      "grade": "A",
      "score": 9
    },
    {
      "date": ISODate("2013-02-14T00:00:00Z"),
      "grade": "C",
      "score": 58
    }
  ],
  "name": "Live Bait Bar & Restaurant",
  "restaurant_id": "40381295"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d5f77"),
  "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("2013-05-21T00:00:00Z"),
      "grade": "B",
      "score": 21
    }
  ],
  "name": "Bella Napoli",
  "restaurant_id": "40393498"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d5f82"),
  "address": {
    "building": "101",
    "coord": [-73.9243861, 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": 12
    },
    {
      "date": ISODate("2013-08-08T00:00:00Z"),
      "grade": "C",
      "score": 58
    }
  ],
  "name": "El Molino Rojo Restaurant",
  "restaurant_id": "40393688"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d60d2"),
  "address": {
    "building": "289",
    "coord": [-73.9461827999999, 40.7137587],
    "street": "Manhattan Avenue",
    "zipcode": "10121"
  },
  "borough": "Brooklyn",
  "cuisine": "Bakery",
  "grades": [
    {
      "date": ISODate("2014-03-19T00:00:00Z"),
      "grade": "A",
      "score": 10
    },
    {
      "date": ISODate("2013-05-07T00:00:00Z"),
      "grade": "C",
      "score": 32
    }
  ],
  "name": "Bella Napoli",
  "restaurant_id": "40393498"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d66f"),
  "address": {
    "building": "243",
    "coord": [-73.9889479, 40.7568894],
    "street": "West 42 Street",
    "zipcode": "10036"
  },
  "borough": "Manhattan",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-10-31T00:00:00Z"),
      "grade": "A",
      "score": 6
    },
    {
      "date": ISODate("2012-10-10T00:00:00Z"),
      "grade": "P",
      "score": 12
    }
  ],
  "name": "El Molino Rojo Restaurant",
  "restaurant_id": "40393688"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d60d2"),
  "address": {
    "building": "289",
    "coord": [-73.9461827999999, 40.7137587],
    "street": "Manhattan Avenue",
    "zipcode": "10121"
  },
  "borough": "Brooklyn",
  "cuisine": "Bakery",
  "grades": [
    {
      "date": ISODate("2014-03-19T00:00:00Z"),
      "grade": "A",
      "score": 10
    },
    {
      "date": ISODate("2013-05-07T00:00:00Z"),
      "grade": "C",
      "score": 32
    }
  ],
  "name": "Bella Napoli",
  "restaurant_id": "40393498"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d66f"),
  "address": {
    "building": "243",
    "coord": [-73.9889479, 40.7568894],
    "street": "West 42 Street",
    "zipcode": "10036"
  },
  "borough": "Manhattan",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-10-31T00:00:00Z"),
      "grade": "A",
      "score": 6
    },
    {
      "date": ISODate("2012-10-10T00:00:00Z"),
      "grade": "P",
      "score": 12
    }
  ],
  "name": "El Molino Rojo Restaurant",
  "restaurant_id": "40393688"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d66f"),
  "address": {
    "building": "243",
    "coord": [-73.9889479, 40.7568894],
    "street": "West 42 Street",
    "zipcode": "10036"
  },
  "borough": "Manhattan",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-10-31T00:00:00Z"),
      "grade": "A",
      "score": 6
    },
    {
      "date": ISODate("2012-10-10T00:00:00Z"),
      "grade": "P",
      "score": 12
    }
  ],
  "name": "El Molino Rojo Restaurant",
  "restaurant_id": "40393688"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d66fc"),
  "address": {
    "building": "231",
    "coord": [-73.9772294, 40.7527262],
    "street": "Grand Central Station",
    "zipcode": "10017"
  },
  "borough": "Manhattan",
  "cuisine": "Italian",
  "grades": [
    {
      "date": ISODate("2015-01-07T00:00:00Z"),
      "grade": "Z",
      "score": 20
    }
  ],
  "name": "Two Boots Grand Central",
  "restaurant_id": "40756344"
}
{
  "_id": ObjectId("61084f9abc9243a1f6d67e3"),
  "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
    }
  ],
  "name": "West 79th Street Boat Basin Cafe",
  "restaurant_id": "40756344"
}
```

12.

```
C:\Windows\System32\cmd.exe - mongo "mongodb://cluster0.apnny.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpnr-shard-0:PRIMARY> db.addresses.find( { "cuisine": { $ne : "American" }, "grades.score": { $gt: 70 }, "address.coord": { $lt : -65.754168 } } );
{
  "_id": ObjectId("61084f9abc9243a1ff6d5d73"),
  "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("2013-09-25T00:00:00Z"),
      "grade": "A",
      "score": 11
    },
    {
      "date": ISODate("2013-04-08T00:00:00Z"),
      "grade": "A",
      "score": 11
    },
    {
      "date": ISODate("2011-10-19T00:00:00Z"),
      "grade": "A",
      "score": 13
    }
  ],
  "name": "Murals On 54/Randolph's",
  "restaurant_id": "40372466"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d5e14"),
  "address": {
    "building": "345",
    "coord": [-73.984626, 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("2014-04-24T00:00:00Z"),
      "grade": "C",
      "score": 92
    }
  ],
  "name": "P",
  "score": 25,
  "restaurant_id": "40381295"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d5e2a"),
  "address": {
    "building": "14",
    "coord": [-73.988399, 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("2012-04-06T00:00:00Z"),
      "grade": "C",
      "score": 58
    }
  ],
  "name": "Live Ball Bar & Restaurant",
  "restaurant_id": "4037237"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d5f77"),
  "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": 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": "4039498"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d5f82"),
  "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": 18
    },
    {
      "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",
      "score": 12
    },
    {
      "date": ISODate("2010-09-14T00:00:00Z"),
      "grade": "P",
      "score": 12
    },
    {
      "date": ISODate("2011-09-25T00:00:00Z"),
      "grade": "B",
      "score": 26
    }
  ],
  "name": "El Molino Rojo Restaurant",
  "restaurant_id": "40393688"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d60d2"),
  "address": {
    "building": "289",
    "coord": [-73.94610279999999, 40.7137587],
    "street": "Manhattan Avenue",
    "zipcode": "11211"
  },
  "borough": "Brooklyn",
  "cuisine": "Bakery",
  "grades": [
    {
      "date": ISODate("2014-03-19T00:00:00Z"),
      "grade": "A",
      "score": 10
    },
    {
      "date": ISODate("2013-05-07T00:00:00Z"),
      "grade": "A",
      "score": 13
    },
    {
      "date": ISODate("2012-09-11T00:00:00Z"),
      "grade": "A",
      "score": 18
    },
    {
      "date": ISODate("2012-05-03T00:00:00Z"),
      "grade": "C",
      "score": 77
    }
  ],
  "name": "Fortunato Bros Cafe & Bakery",
  "restaurant_id": "40400561"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d66f"),
  "address": {
    "building": "243",
    "coord": [-73.9889479, 40.7568894],
    "street": "West 42 Street",
    "zipcode": "10036"
  },
  "borough": "Manhattan",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-10-31T00:00:00Z"),
      "grade": "A",
      "score": 9
    },
    {
      "date": ISODate("2014-05-16T00:00:00Z"),
      "grade": "A",
      "score": 11
    },
    {
      "date": ISODate("2011-11-19T00:00:00Z"),
      "grade": "A",
      "score": 5
    },
    {
      "date": ISODate("2012-09-05T00:00:00Z"),
      "grade": "B",
      "score": 26
    }
  ],
  "name": "Two Boots Grand Central",
  "restaurant_id": "40725591"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d67e3"),
  "address": {
    "building": "",
    "coord": [-74.0162793, 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
    }
  ],
  "name": "West 79th Street Boat Basin Cafe",
  "restaurant_id": "40756344"
}
MongoDB Enterprise atlas-14bpnr-shard-0:PRIMARY>
```

13.

```
C:\Windows\System32\cmd.exe - mongo "mongodb://cluster0.apnny.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpnr-shard-0:PRIMARY> db.addresses.find( { "cuisine": { $ne : "American" }, "grades.grade": "A", "borough": { $ne : "Brooklyn" } } ).sort({ "cuisine": -1 });
{
  "_id": ObjectId("61084f9abc9243a1ff6d6321"),
  "address": {
    "building": "89",
    "coord": [ -73.9995899, 40.7168015 ],
    "street": "Baxter Street",
    "zipcode": "10013"
  },
  "borough": "Manhattan",
  "cuisine": "Vietnamese/Cambodian/Malaysia",
  "grades": [
    {
      "date": ISODate("2013-08-31T00:00:00Z"),
      "grade": "A",
      "score": 13
    },
    {
      "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("61084f9abc9243a1ff6d6da"),
  "address": {
    "building": "8278",
    "coord": [ -73.8814350999999, 40.7412552 ],
    "street": "Broadway",
    "zipcode": "11373"
  },
  "borough": "Queens",
  "cuisine": "Vietnamese/Cambodian/Malaysia",
  "grades": [
    {
      "date": ISODate("2014-06-12T00:00:00Z"),
      "grade": "B",
      "score": 21
    }
  ],
  "name": "Pho Bac Vietnamese Seafood Cuisine",
  "restaurant_id": "40578085"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d67c3"),
  "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
    }
  ],
  "name": "Nha-Vang Centre Vietnamese Restaurant",
  "restaurant_id": "40751226"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d6c5"),
  "address": {
    "building": "300",
    "coord": [ -73.985568, 40.7307496 ],
    "street": "East 12 Street",
    "zipcode": "10002"
  },
  "borough": "Manhattan",
  "cuisine": "Vegetarian",
  "grades": [
    {
      "date": ISODate("2014-02-05T00:00:00Z"),
      "grade": "A",
      "score": 13
    },
    {
      "date": ISODate("2013-04-24T00:00:00Z"),
      "grade": "C",
      "score": 19
    },
    {
      "date": ISODate("2012-01-17T00:00:00Z"),
      "grade": "A",
      "score": 12
    },
    {
      "date": ISODate("2011-07-25T00:00:00Z"),
      "grade": "A",
      "score": 9
    }
  ],
  "name": "Anglicia Kitchen",
  "restaurant_id": "40388281"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d67a"),
  "address": {
    "building": "1307",
    "coord": [ -73.9589834, 40.7714183999999 ],
    "street": "3 Avenue",
    "zipcode": "10021"
  },
  "borough": "Manhattan",
  "cuisine": "Vegetarian",
  "grades": [
    {
      "date": ISODate("2014-12-03T00:00:00Z"),
      "grade": "A",
      "score": 9
    },
    {
      "date": ISODate("2014-04-20T00:00:00Z"),
      "grade": "A",
      "score": 12
    },
    {
      "date": ISODate("2013-06-06T00:00:00Z"),
      "grade": "A",
      "score": 22
    }
  ],
  "name": "Village Yogurt",
  "restaurant_id": "40512123"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d6282"),
  "address": {
    "building": "46",
    "coord": [ -74.000252, 40.7356228 ],
    "street": "Greenwich Avenue",
    "zipcode": "10011"
  },
  "borough": "Manhattan",
  "cuisine": "Grades: A, score: 11",
  "grades": [
    {
      "date": ISODate("2014-07-03T00:00:00Z"),
      "grade": "A",
      "score": 11
    },
    {
      "date": ISODate("2012-06-28T00:00:00Z"),
      "grade": "A",
      "score": 12
    }
  ],
  "name": "Candle Cafe",
  "restaurant_id": "40399067"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d61e2"),
  "address": {
    "building": "547",
    "coord": [ -92.729446, 41.7461746 ],
    "street": "6 Avenue",
    "zipcode": "10011"
  },
  "borough": "Manhattan",
  "cuisine": "Vegetarian",
  "grades": [
    {
      "date": ISODate("2014-09-26T00:00:00Z"),
      "grade": "A",
      "score": 12
    },
    {
      "date": ISODate("2013-10-03T00:00:00Z"),
      "grade": "A",
      "score": 13
    },
    {
      "date": ISODate("2012-09-10T00:00:00Z"),
      "grade": "A",
      "score": 13
    }
  ],
  "name": "Caravan Of Dreams",
  "restaurant_id": "40512123"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d6282"),
  "address": {
    "building": "46",
    "coord": [ -74.000252, 40.7356228 ],
    "street": "Greenwich Avenue",
    "zipcode": "10011"
  },
  "borough": "Manhattan",
  "cuisine": "Grades: A, score: 11",
  "grades": [
    {
      "date": ISODate("2014-07-03T00:00:00Z"),
      "grade": "A",
      "score": 11
    },
    {
      "date": ISODate("2012-06-28T00:00:00Z"),
      "grade": "A",
      "score": 12
    }
  ],
  "name": "Village Natural",
  "restaurant_id": "40536786"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d523"),
  "address": {
    "building": "405",
    "coord": [ -73.9856523999999, 40.7263767 ],
    "street": "East 6 Street",
    "zipcode": "10009"
  },
  "borough": "Manhattan",
  "cuisine": "Vegetarian",
  "grades": [
    {
      "date": ISODate("2014-01-27T00:00:00Z"),
      "grade": "B",
      "score": 18
    },
    {
      "date": ISODate("2013-07-31T00:00:00Z"),
      "grade": "A",
      "score": 11
    }
  ],
  "name": "Amsterdam Avenue",
  "restaurant_id": "40635781"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d523"),
  "address": {
    "building": "646",
    "coord": [ -73.97279, 40.791289 ],
    "street": "Amsterdam Avenue",
    "zipcode": "10025"
  },
  "borough": "Manhattan",
  "cuisine": "Vegetarian",
  "grades": [
    {
      "date": ISODate("2014-02-19T00:00:00Z"),
      "grade": "A",
      "score": 9
    }
  ],
  "name": "Manhattan",
  "restaurant_id": "40644922"
},
{
  "_id": ObjectId("61084f9abc9243a1ff6d691"),
  "address": {
    "building": "149",
    "coord": [ -74.0004534, 40.7311503 ],
    "street": "West 4 Street",
    "zipcode": "10012"
  },
  "borough": "Manhattan",
  "cuisine": "Vegetarian",
  "grades": [
    {
      "date": ISODate("2014-06-30T00:00:00Z"),
      "grade": "A",
      "score": 8
    }
  ],
  "name": "Village Natural",
  "restaurant_id": "40536786"
}
```

14.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.addresses.find( {name:"Wil"}, {"restaurant_id":1, "name":1, "borough":1, "cuisine":1} );
{
  "_id" : ObjectId("61084f9abbc9243a1f6d5c1c"),
  "borough" : "Brooklyn",
  "cuisine" : "Delicatessen",
  "name" : "Wilken'S Fine Food",
  "restaurant_id" : "40356483"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d5c1f"),
  "borough" : "Bronx",
  "cuisine" : "American",
  "name" : "Wild Asia",
  "restaurant_id" : "40357217"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d6a24"),
  "borough" : "Bronx",
  "cuisine" : "Pizza",
  "name" : "Wilbel Pizza",
  "restaurant_id" : "40871979"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

15.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.addresses.find({name: /ces$/}, {"restaurants_id":1, "name":1, "borough":1, "cuisine":1});
{
  "_id" : ObjectId("61084f9abbc9243a1f6d68a8"),
  "borough" : "Manhattan",
  "cuisine" : "American",
  "name" : "Piecas"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d6167"),
  "borough" : "Queens",
  "cuisine" : "American",
  "name" : "S.M.R Restaurant Services"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d616d"),
  "borough" : "Manhattan",
  "cuisine" : "American",
  "name" : "Good Shepherd Services"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d6620"),
  "borough" : "Queens",
  "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",
  "name" : "The Ice Box-Ralph'S Famous Italian Ices"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d6822"),
  "borough" : "Brooklyn",
  "cuisine" : "Jewish/Kosher",
  "name" : "Alices"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d6a3e"),
  "borough" : "Manhattan",
  "cuisine" : "American",
  "name" : "Re: Sources"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

16.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.addresses.find({name: /.*Reg.*/}, {"restaurants_id":1, "name":1, "borough":1, "cuisine":1});
{
  "_id" : ObjectId("61084f9abbc9243a1f6d5c1d"),
  "borough" : "Brooklyn",
  "cuisine" : "American",
  "name" : "Regina Caterers"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d5d1a"),
  "borough" : "Manhattan",
  "cuisine" : "Cafe/Coffee/Tea",
  "name" : "Caffe Reggio"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d5e29"),
  "borough" : "Manhattan",
  "cuisine" : "American",
  "name" : "Regency Hotel"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d6146"),
  "borough" : "Manhattan",
  "cuisine" : "American",
  "name" : "Regency Whist Club"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d6229"),
  "borough" : "Queens",
  "cuisine" : "American",
  "name" : "Rego Park Cafe"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d6897"),
  "borough" : "Queens",
  "cuisine" : "Pizza",
  "name" : "Regina Pizza"
}
{
  "_id" : ObjectId("61084f9abbc9243a1f6d6aae"),
  "borough" : "Manhattan",
  "cuisine" : "American",
  "name" : "Regal Entertainment Group"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

17.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnny.mongodb.net/myFirstDatabase" --username pia_25
{
    "_id": ObjectId("61084f9dabc9243a1ff6d091e"),
    "name": "Kristy's Restaurant",
    "restaurant_id": "408804049",
    "address": {
        "building": "1634",
        "coord": [-73.8306577, 40.8450232],
        "street": "Crosby Avenue",
        "zipcode": "10461"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-08-08T00:00:00Z"),
            "grade": "A",
            "score": 12
        },
        {
            "date": ISODate("2013-07-23T00:00:00Z"),
            "grade": "A",
            "score": 6
        },
        {
            "date": ISODate("2011-10-03T00:00:00Z"),
            "grade": "A",
            "score": 8
        }
    ],
    "name": "East Dynasty",
    "restaurant_id": "40827529"
},
{
    "_id": ObjectId("61084f9dabc9243a1ff6d0962"),
    "name": "Lynn Chinese Restaurant",
    "restaurant_id": "40842437",
    "address": {
        "building": "70",
        "coord": [-73.8066681, 40.8592187],
        "street": "West 183 Street",
        "zipcode": "10453"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-12-14T00:00:00Z"),
            "grade": "A",
            "score": 12
        },
        {
            "date": ISODate("2012-06-25T00:00:00Z"),
            "grade": "A",
            "score": 6
        },
        {
            "date": ISODate("2011-11-01T00:00:00Z"),
            "grade": "A",
            "score": 2
        }
    ],
    "name": "Home Chinese Restaurant",
    "restaurant_id": "40842437"
},
{
    "_id": ObjectId("61084f9dabc9243a1ff6d0980"),
    "name": "Lin's Garden",
    "restaurant_id": "40849313",
    "address": {
        "building": "317",
        "coord": [-73.9041182, 40.8644648],
        "street": "East 170 Street",
        "zipcode": "10456"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-12-03T00:00:00Z"),
            "grade": "A",
            "score": 11
        },
        {
            "date": ISODate("2013-07-24T00:00:00Z"),
            "grade": "A",
            "score": 7
        },
        {
            "date": ISODate("2012-10-25T00:00:00Z"),
            "grade": "A",
            "score": 13
        },
        {
            "date": ISODate("2012-10-11T00:00:00Z"),
            "grade": "B",
            "score": 17
        }
    ],
    "name": "Lin's Garden",
    "restaurant_id": "40849313"
},
{
    "_id": ObjectId("61084f9dabc9243a1ff6d094"),
    "name": "Lucky House Restaurant",
    "restaurant_id": "4057446",
    "address": {
        "building": "3906",
        "coord": [-73.8612466, 40.8858379],
        "street": "White Plains Road",
        "zipcode": "10465"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-05-12T00:00:00Z"),
            "grade": "A",
            "score": 9
        },
        {
            "date": ISODate("2013-05-06T00:00:00Z"),
            "grade": "A",
            "score": 8
        },
        {
            "date": ISODate("2012-04-17T00:00:00Z"),
            "grade": "A",
            "score": 13
        }
    ],
    "name": "Lucky House Restaurant",
    "restaurant_id": "4057446"
},
{
    "_id": ObjectId("61084f9dabc9243a1ff6d6aca"),
    "name": "New Rainbow Restaurant",
    "restaurant_id": "40899178",
    "address": {
        "building": "2102",
        "coord": [-73.8260969999999, 40.8687177],
        "street": "Bartow Ave",
        "zipcode": "10475"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-08-17T00:00:00Z"),
            "grade": "A",
            "score": 10
        },
        {
            "date": ISODate("2012-06-12T00:00:00Z"),
            "grade": "B",
            "score": 15
        }
    ],
    "name": "Happy Garden",
    "restaurant_id": "40363289"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d5c4a"),
    "name": "Dragon City",
    "restaurant_id": "40510328",
    "address": {
        "building": "277",
        "coord": [-73.8941893, 40.8634684],
        "street": "East Kingsbridge Road",
        "zipcode": "10458"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2013-03-19T00:00:00Z"),
            "grade": "A",
            "score": 10
        },
        {
            "date": ISODate("2012-08-29T00:00:00Z"),
            "grade": "A",
            "score": 10
        },
        {
            "date": ISODate("2011-08-17T00:00:00Z"),
            "grade": "A",
            "score": 13
        }
    ],
    "name": "Happy Garden",
    "restaurant_id": "40364296"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d61c2"),
    "name": "Hunan Balcony",
    "restaurant_id": "40551996",
    "address": {
        "building": "2459",
        "coord": [-73.8929629, 40.8601605],
        "street": "Webster Avenue",
        "zipcode": "10458"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2012-09-11T00:00:00Z"),
            "grade": "A",
            "score": 9
        },
        {
            "date": ISODate("2012-10-04T00:00:00Z"),
            "grade": "A",
            "score": 10
        },
        {
            "date": ISODate("2011-10-05T00:00:00Z"),
            "grade": "B",
            "score": 9
        }
    ],
    "name": "Hunan Balcony",
    "restaurant_id": "40551996"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d624d"),
    "name": "Great Wall Restaurant",
    "restaurant_id": "40552226",
    "address": {
        "building": "2102",
        "coord": [-73.8260969999999, 40.8687177],
        "street": "Bartow Ave",
        "zipcode": "10457"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-08-17T00:00:00Z"),
            "grade": "A",
            "score": 10
        },
        {
            "date": ISODate("2012-07-18T00:00:00Z"),
            "grade": "A",
            "score": 11
        }
    ],
    "name": "Great Wall Restaurant",
    "restaurant_id": "40552226"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d62fc"),
    "name": "Lucky House Restaurant",
    "restaurant_id": "40571587",
    "address": {
        "building": "3511",
        "coord": [-73.9100876, 40.8860444],
        "street": "Johnson Avenue",
        "zipcode": "10463"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2013-03-29T00:00:00Z"),
            "grade": "A",
            "score": 5
        },
        {
            "date": ISODate("2012-03-29T00:00:00Z"),
            "grade": "B",
            "score": 8
        },
        {
            "date": ISODate("2011-03-29T00:00:00Z"),
            "grade": "B",
            "score": 27
        }
    ],
    "name": "Lucky House Restaurant",
    "restaurant_id": "40571587"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d62fd"),
    "name": "Grand Avenue",
    "restaurant_id": "4052226",
    "address": {
        "building": "732",
        "coord": [-73.883128, 40.85353],
        "street": "East 187 Street",
        "zipcode": "10458"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-11-07T00:00:00Z"),
            "grade": "A",
            "score": 9
        },
        {
            "date": ISODate("2014-05-15T00:00:00Z"),
            "grade": "A",
            "score": 12
        },
        {
            "date": ISODate("2013-11-07T00:00:00Z"),
            "grade": "A",
            "score": 7
        }
    ],
    "name": "Grand Avenue",
    "restaurant_id": "4052226"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d638f"),
    "name": "Lucky House Restaurant",
    "restaurant_id": "40571587",
    "address": {
        "building": "202",
        "coord": [73.9164084, 40.8348485],
        "street": "East 167 Street",
        "zipcode": "10456"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-12-10T00:00:00Z"),
            "grade": "A",
            "score": 9
        },
        {
            "date": ISODate("2012-08-01T00:00:00Z"),
            "grade": "A",
            "score": 12
        }
    ],
    "name": "Lucky House Restaurant",
    "restaurant_id": "40571587"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d639d"),
    "name": "Hong Kong Restaurant",
    "restaurant_id": "40765358",
    "address": {
        "building": "1474",
        "coord": [-73.8812729999999, 40.8281391],
        "street": "Westchester Avenue",
        "zipcode": "10461"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-12-24T00:00:00Z"),
            "grade": "A",
            "score": 10
        },
        {
            "date": ISODate("2013-01-08T00:00:00Z"),
            "grade": "A",
            "score": 9
        }
    ],
    "name": "Hong Kong Restaurant",
    "restaurant_id": "40765358"
},
{
    "_id": ObjectId("61084f9dabc9243a1ff6d68a4"),
    "name": "Courtlandt Avenue",
    "restaurant_id": "408226814",
    "address": {
        "building": "1702",
        "coord": [-73.9137269, 40.8482958],
        "street": "Courtlandt Avenue",
        "zipcode": "10451"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-04-16T00:00:00Z"),
            "grade": "A",
            "score": 11
        },
        {
            "date": ISODate("2013-04-10T00:00:00Z"),
            "grade": "A",
            "score": 17
        }
    ],
    "name": "New Hing Restaurant",
    "restaurant_id": "40701165"
},
{
    "_id": ObjectId("61084f9dabc9243a1ff6d6819"),
    "name": "Williamsbridge Road",
    "restaurant_id": "40804655",
    "address": {
        "building": "1811",
        "coord": [-73.8518311, 40.8504655],
        "street": "Williamsbridge Road",
        "zipcode": "10461"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-03-26T00:00:00Z"),
            "grade": "A",
            "score": 9
        },
        {
            "date": ISODate("2013-03-05T00:00:00Z"),
            "grade": "A",
            "score": 12
        },
        {
            "date": ISODate("2012-09-12T00:00:00Z"),
            "grade": "A",
            "score": 9
        },
        {
            "date": ISODate("2012-04-17T00:00:00Z"),
            "grade": "A",
            "score": 4
        }
    ],
    "name": "Williamsbridge Road",
    "restaurant_id": "40804655"
},
{
    "_id": ObjectId("61084f9dabc9243a1ff6d68a4"),
    "name": "Grand Avenue",
    "restaurant_id": "408226814",
    "address": {
        "building": "1702",
        "coord": [-73.9137269, 40.8482958],
        "street": "Grand Avenue",
        "zipcode": "10453"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-08-15T00:00:00Z"),
            "grade": "A",
            "score": 7
        },
        {
            "date": ISODate("2013-03-06T00:00:00Z"),
            "grade": "A",
            "score": 12
        },
        {
            "date": ISODate("2012-08-14T00:00:00Z"),
            "grade": "A",
            "score": 13
        }
    ],
    "name": "Grand Avenue",
    "restaurant_id": "408226814"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnny.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.addresses.find({ "borough": "Bronx", "$or": [ { "cuisine": "American" }, { "cuisine": "Chinese" } ] });
{
    "_id": ObjectId("61084f9abc9243a1ff6dc38"),
    "name": "Spofford Ave",
    "restaurant_id": "40363289",
    "address": {
        "building": "1236",
        "coord": [-73.8893654, 40.8137617999999],
        "street": "238 Spofford Ave",
        "zipcode": "10456"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2013-12-30T00:00:00Z"),
            "grade": "A",
            "score": 8
        },
        {
            "date": ISODate("2012-06-12T00:00:00Z"),
            "grade": "B",
            "score": 15
        }
    ],
    "name": "Happy Garden",
    "restaurant_id": "40363289"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d5c4a"),
    "name": "East Kingsbridge Road",
    "restaurant_id": "40510328",
    "address": {
        "building": "277",
        "coord": [-73.8941893, 40.8634684],
        "street": "East Kingsbridge Road",
        "zipcode": "10458"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2013-03-19T00:00:00Z"),
            "grade": "A",
            "score": 10
        },
        {
            "date": ISODate("2012-08-29T00:00:00Z"),
            "grade": "A",
            "score": 10
        },
        {
            "date": ISODate("2011-08-17T00:00:00Z"),
            "grade": "A",
            "score": 13
        }
    ],
    "name": "Happy Garden",
    "restaurant_id": "40364296"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d61c2"),
    "name": "Webster Avenue",
    "restaurant_id": "4043296",
    "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("2012-12-28T00:00:00Z"),
            "grade": "A",
            "score": 11
        }
    ],
    "name": "Happy Garden",
    "restaurant_id": "4043296"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d624d"),
    "name": "Bartow Ave",
    "restaurant_id": "4052226",
    "address": {
        "building": "2102",
        "coord": [-73.8260969999999, 40.8687177],
        "street": "Bartow Ave",
        "zipcode": "10457"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-08-17T00:00:00Z"),
            "grade": "A",
            "score": 7
        },
        {
            "date": ISODate("2012-04-30T00:00:00Z"),
            "grade": "B",
            "score": 17
        }
    ],
    "name": "Great Wall Restaurant",
    "restaurant_id": "4052226"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d62fc"),
    "name": "Johnson Avenue",
    "restaurant_id": "40460097",
    "address": {
        "building": "3511",
        "coord": [-73.9100876, 40.8860444],
        "street": "Johnson Avenue",
        "zipcode": "10463"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-07-02T00:00:00Z"),
            "grade": "A",
            "score": 5
        },
        {
            "date": ISODate("2013-11-06T00:00:00Z"),
            "grade": "B",
            "score": 8
        },
        {
            "date": ISODate("2012-03-29T00:00:00Z"),
            "grade": "B",
            "score": 27
        }
    ],
    "name": "Great Wall Restaurant",
    "restaurant_id": "40460097"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d638f"),
    "name": "Lucky House Restaurant",
    "restaurant_id": "40571587",
    "address": {
        "building": "732",
        "coord": [-73.883128, 40.85353],
        "street": "East 187 Street",
        "zipcode": "10458"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-11-07T00:00:00Z"),
            "grade": "A",
            "score": 9
        },
        {
            "date": ISODate("2014-05-15T00:00:00Z"),
            "grade": "A",
            "score": 12
        },
        {
            "date": ISODate("2013-11-07T00:00:00Z"),
            "grade": "A",
            "score": 7
        }
    ],
    "name": "Lucky House Restaurant",
    "restaurant_id": "40571587"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d639d"),
    "name": "Great Wall Restaurant",
    "restaurant_id": "40571587",
    "address": {
        "building": "1474",
        "coord": [-73.8812729999999, 40.8281391],
        "street": "Westchester Avenue",
        "zipcode": "10461"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-12-24T00:00:00Z"),
            "grade": "A",
            "score": 10
        },
        {
            "date": ISODate("2013-01-08T00:00:00Z"),
            "grade": "A",
            "score": 9
        }
    ],
    "name": "Great Wall Restaurant",
    "restaurant_id": "40571587"
},
{
    "_id": ObjectId("61084f9abc9243a1ff6d68a4"),
    "name": "Grand Avenue",
    "restaurant_id": "408226814",
    "address": {
        "building": "1702",
        "coord": [-73.9137269, 40.8482958],
        "street": "Grand Avenue",
        "zipcode": "10453"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-04-16T00:00:00Z"),
            "grade": "A",
            "score": 11
        },
        {
            "date": ISODate("2013-04-10T00:00:00Z"),
            "grade": "A",
            "score": 17
        }
    ],
    "name": "Grand Avenue",
    "restaurant_id": "408226814"
},
{
    "_id": ObjectId("61084f9dabc9243a1ff6d68a4"),
    "name": "Courtlandt Avenue",
    "restaurant_id": "408226814",
    "address": {
        "building": "1702",
        "coord": [-73.9137269, 40.8482958],
        "street": "Courtlandt Avenue",
        "zipcode": "10451"
    },
    "borough": "Bronx",
    "cuisine": "Chinese",
    "grades": [
        {
            "date": ISODate("2014-08-15T00:00:00Z"),
            "grade": "A",
            "score": 7
        },
        {
            "date": ISODate("2013-03-06T00:00:00Z"),
            "grade": "A",
            "score": 12
        },
        {
            "date": ISODate("2012-08-14T00:00:00Z"),
            "grade": "A",
            "score": 13
        }
    ],
    "name": "Courtlandt Avenue",
    "restaurant_id": "408226814"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

18.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bprr7-shard-0:PRIMARY> db.addresses.find({"borough":{$nin :["Staten Island","Queens", "Bronx", "Brooklyn"]}}, {"restaurants_id":1, "name":1, "borough":1, "cuisine":1});
{
  "_id" : ObjectId("61084f9abc9243a1f6d5c17"),
  "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c22"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "I East 66Th Street Kitchen" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c27"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Glorious Food" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c2a"),
  "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Bully's Deli" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c2c"),
  "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Harriet's Kitchen" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c2d"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "P & S Deli Grocery" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c31"),
  "borough" : "Manhattan", "cuisine" : "Turkish", "name" : "The Country Cafe" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c33"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Downtown Deli" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c37"),
  "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Olive'S" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c39"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Cafe Metro" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c3b"),
  "borough" : "Manhattan", "cuisine" : "Sandwiches/Salads/Mixed Buffet", "name" : "Lexler Deli" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c3f"),
  "borough" : "Manhattan", "cuisine" : "Continental", "name" : "Lorenzo & Maria'S" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c40"),
  "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c41"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Berkely" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c45"),
  "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c46"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Spoon Bread Catering" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c4c"),
  "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Texas Rotisserie" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c4f"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Metropolitan Club" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c50"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Palm Restaurant" }

Type "it" for more
MongoDB Enterprise atlas-14bprr7-shard-0:PRIMARY> it
{
  "_id" : ObjectId("61084f9abc9243a1f6d5c51"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "21 Club" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c53"),
  "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Isle Of Capri Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c54"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Old Town Bar & Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c56"),
  "borough" : "Manhattan", "cuisine" : "Latin (Cuban, Dominican, Puerto Rican, South & Central American)", "name" : "Sevil le Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c57"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Criminal Court Bldg Cafeteria" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c59"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Nyac Main Dining Room" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c5a"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "7B Bar" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c5c"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Cafe Atelier (Art Students League)" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c5e"),
  "borough" : "Manhattan", "cuisine" : "Steak", "name" : "Donohue's Steak House" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c5e"),
  "borough" : "Manhattan", "cuisine" : "French", "name" : "Tout Va Bien" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c61"),
  "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Marchis Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c63"),
  "borough" : "Manhattan", "cuisine" : "Continental", "name" : "Dining Room" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c64"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Old Homestead" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c67"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Serendipity 3" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c6b"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "White Horse Tavern" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c6f"),
  "borough" : "Manhattan", "cuisine" : "Irish", "name" : "McSorley'S Old Ale House" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c78"),
  "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Forlinis Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c72"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Corner Bistro" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c74"),
  "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dorian'S Red Hand Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c75"),
  "borough" : "Manhattan", "cuisine" : "French", "name" : "La Grenouille" }

Type "it" for more
```

19.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bprr7-shard-0:PRIMARY> db.addresses.find({"borough":{$nin :["Staten Island","Queens", "Bronx", "Brooklyn"]}}, {"restaurants_id":1, "name":1, "borough":1, "cuisine":1});
{
  "_id" : ObjectId("61084f9abc9243a1f6d5c17"),
  "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c22"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "I East 66Th Street Kitchen" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c27"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Glorious Food" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c2a"),
  "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Bully's Deli" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c2c"),
  "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Harriet's Kitchen" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c2d"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "P & S Deli Grocery" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c31"),
  "borough" : "Manhattan", "cuisine" : "Turkish", "name" : "The Country Cafe" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c33"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Downtown Deli" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c37"),
  "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Olive'S" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c39"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Cafe Metro" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c3b"),
  "borough" : "Manhattan", "cuisine" : "Sandwiches/Salads/Mixed Buffet", "name" : "Lexler Deli" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c3f"),
  "borough" : "Manhattan", "cuisine" : "Continental", "name" : "Lorenzo & Maria'S" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c40"),
  "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c41"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Berkely" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c45"),
  "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c46"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Spoon Bread Catering" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c4c"),
  "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Texas Rotisserie" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c4f"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Metropolitan Club" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c50"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Palm Restaurant" }

Type "it" for more
MongoDB Enterprise atlas-14bprr7-shard-0:PRIMARY> it
{
  "_id" : ObjectId("61084f9abc9243a1f6d5c51"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "21 Club" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c53"),
  "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Isle Of Capri Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c54"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Old Town Bar & Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c56"),
  "borough" : "Manhattan", "cuisine" : "Latin (Cuban, Dominican, Puerto Rican, South & Central American)", "name" : "Sevil le Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c57"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Criminal Court Bldg Cafeteria" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c59"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Nyac Main Dining Room" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c5a"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "7B Bar" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c5c"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Cafe Atelier (Art Students League)" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c5e"),
  "borough" : "Manhattan", "cuisine" : "Steak", "name" : "Donohue's Steak House" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c5e"),
  "borough" : "Manhattan", "cuisine" : "French", "name" : "Tout Va Bien" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c61"),
  "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Marchis Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c63"),
  "borough" : "Manhattan", "cuisine" : "Continental", "name" : "Dining Room" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c64"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Old Homestead" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c67"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Serendipity 3" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c6b"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "White Horse Tavern" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c6f"),
  "borough" : "Manhattan", "cuisine" : "Irish", "name" : "McSorley'S Old Ale House" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c78"),
  "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Forlinis Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c72"),
  "borough" : "Manhattan", "cuisine" : "American", "name" : "Corner Bistro" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c74"),
  "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dorian'S Red Hand Restaurant" }
  "_id" : ObjectId("61084f9abc9243a1f6d5c75"),
  "borough" : "Manhattan", "cuisine" : "French", "name" : "La Grenouille" }

Type "it" for more
```

20.

```
C:\Windows\System32\cmd.exe - mongo "mongodb://cluster1:27017/mongodb/_temp/_firstDatabase" -username pi_25
MongoDB Enterprise atlas-14bpn7-shard-0:PRIMARY> db.addresses.find({ "grades.score": { $not: { $gt: 10 } } }, { "restaurants_id": 1, "name": 1, "borough": 1, "cuisine": 1 });
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc520"),
  "borough": "Brooklyn",
  "cuisine": "American",
  "name": "C & C Catering Service"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc522"),
  "borough": "Manhattan",
  "cuisine": "American",
  "name": "1 East 66th Street Kitchen"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc526"),
  "borough": "Brooklyn",
  "cuisine": "Delicatessen",
  "name": "Nordic Delicacies"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc52f"),
  "borough": "Brooklyn",
  "cuisine": "Hamburgers",
  "name": "White Castle"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc542"),
  "borough": "Brooklyn",
  "cuisine": "American",
  "name": "Sonny's Heros"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc552"),
  "borough": "Bronx",
  "cuisine": "American",
  "name": "Manhem Club"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc560"),
  "borough": "Staten Island",
  "cuisine": "American",
  "name": "Great Kills Yacht Club"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc567"),
  "borough": "Manhattan",
  "cuisine": "American",
  "name": "Serendipity 3"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc5eb"),
  "borough": "Manhattan",
  "cuisine": "American",
  "name": "White Horse Tavern"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc574"),
  "borough": "Manhattan",
  "cuisine": "Irish",
  "name": "Dorrian's Red Hand Restaurant"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc5c5"),
  "borough": "Manhattan",
  "cuisine": "Mexican",
  "name": "Mexico Lindo Restaurant"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc5e5"),
  "borough": "Brooklyn",
  "cuisine": "Greek",
  "name": "El Greco Dinen"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc5eb"),
  "borough": "Bronx",
  "cuisine": "Not Listed/Unknown/Applicable",
  "name": "The Lark's Nest"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc5e5"),
  "borough": "Bronx",
  "cuisine": "Cafe/Coffee/Tea",
  "name": "Terrace Cafe"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc5ed"),
  "borough": "Bronx",
  "cuisine": "African",
  "name": "African Terrace"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc5f0"),
  "borough": "Bronx",
  "cuisine": "American",
  "name": "African Market (Baboon Cafe)"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dc5f5"),
  "borough": "Staten Island",
  "cuisine": "Italian",
  "name": "Roadhouse Restaurant"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dd13"),
  "borough": "Manhattan",
  "cuisine": "French",
  "name": "Pergola Des Artistes"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dd14"),
  "borough": "Brooklyn",
  "cuisine": "Hamburgers",
  "name": "McDonald's"
},
{
  "_id": ObjectId("61084f9aa0bc9234a1fd6dd23"),
  "borough": "Brooklyn",
  "cuisine": "American",
  "name": "The River Cafe"
}
Type "it" for more
MongoDB Enterprise atlas-14bpn7-shard-0:PRIMARY>
```

21.

22.

```
C:\Windows\System32\cmd.exe - mongo "mongodb://pi@cluster.apnyq.mongod.net/test?db=pi" -username pi -password 25
{
    "id": "51a0f111", {"date": "ISODate('2012-02-01T00:00:00Z')", "grade": "A", "score": 10}, {"date": ISODate("2011-08-24T00:00:00Z"), "grade": "A", "score": 11}, {"name": "Nueary's Pub", "restaurant_id": "40365871"}, {"grades": [{"date": ISODate("2014-08-11T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2013-06-10T00:00:00Z"), "grade": "A", "score": 12}], {"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's Restaurant", "restaurant_id": "40372417"}, {"grades": [{"date": ISODate("2014-08-11T00:00:00Z"), "grade": "A", "score": 6}, {"date": ISODate("2013-08-29T00:00:00Z"), "grade": "B", "score": 7}, {"date": ISODate("2012-10-23T00:00:00Z"), "grade": "C", "score": 4}], {"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"}, {"grades": [{"date": ISODate("2015-01-12T00:00:00Z"), "grade": "A", "score": 10}, {"date": ISODate("2014-01-14T00:00:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2013-02-07T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2012-04-30T00:00:00Z"), "grade": "A", "score": 10}], {"name": "Club Macadam (Cigar Bar)", "restaurant_id": "40526226"}, {"grades": [{"date": ISODate("2014-08-11T00:00:00Z"), "grade": "A", "score": 8}, {"date": ISODate("2014-01-09T00:00:00Z"), "grade": "B", "score": 7}, {"date": ISODate("2013-06-11T00:00:00Z"), "grade": "A", "score": 4}, {"date": ISODate("2012-10-30T00:00:00Z"), "grade": "A", "score": 19}], {"name": "Pino's Pizza & Restaurant", "restaurant_id": "40560517"}, {"grades": [{"date": ISODate("2015-01-05T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2014-08-11T00:00:00Z"), "grade": "B", "score": 5}, {"date": ISODate("2014-03-04T00:00:00Z"), "grade": "B", "score": 22}, {"date": ISODate("2013-09-13T00:00:00Z"), "grade": "A", "score": 11}], {"name": "The Coffee Shop", "restaurant_id": "40610161"}, {"grades": [{"date": ISODate("2014-08-11T00:00:00Z"), "grade": "A", "score": 18}, {"date": ISODate("2014-02-20T00:00:00Z"), "grade": "A", "score": 7}, {"date": ISODate("2013-08-29T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2013-03-20T00:00:00Z"), "grade": "A", "score": 10}], {"name": "Union Cafe Restaurant", "restaurant_id": "40698823"}, {"grades": [{"date": ISODate("2011-10-12T00:00:00Z"), "grade": "P", "score": 4}, {"date": ISODate("2014-08-11T00:00:00Z"), "grade": "A", "score": 18}, {"date": ISODate("2013-08-25T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2011-08-25T00:00:00Z"), "grade": "A", "score": 7}], {"name": "3050's Pizza", "restaurant_id": "40859291"}, {"grades": [{"date": ISODate("2012-09-05T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2011-08-25T00:00:00Z"), "grade": "A", "score": 11}]}]
```

23.

```
C:\Windows\System32\cmd.exe - mongoDB> "mongodbsrv://cluster0.apnpy.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpnr7-shard-0:PRIMARY> db.addresses.find( { "grades.1.date": ISODate("2014-08-11T00:00:00Z"), "grades.1.grade": "A", "grades.1.score": 9 }, { "restaurant_id": 1, "name": 1, "grades": 1 } );
MongoDB Enterprise atlas-14bpnr7-shard-0:PRIMARY> { "_id": ObjectId("610884f9babcc9243a1ff6d6240"), "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": "40526496" }
MongoDB Enterprise atlas-14bpnr7-shard-0:PRIMARY>
```

24.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnpy.mongodb.net/myFirstDatabase?&username=pia_25"
MongoDB Enterprise atlas-14bpn7-shard-0:PRIMARY> db.addresses.find({ "address.coord": { "$gt": 42, "$lte": 52 } }, { "restaurant_id": 1, "name": 1, "address": 1, "coord": 1 });
{
  "_id": ObjectId("61084f9abac9243af6fd5eb7"),
  "address": {
    "building": 47,
    "coord": [ -78.877224, 42.89546199999999 ],
    "street": "Broadway @ Trinity Pl",
    "zipcode": "10006"
  },
  "name": "T.G.I. Friday's",
  "restaurant_id": "40387996"
}
{
  "_id": ObjectId("61084f9abac9243af6fd5ee3"),
  "address": {
    "building": 1,
    "coord": [ -0.7119979, 51.6514664 ],
    "street": "Pennplaza E, Penn Sta",
    "zipcode": "10001"
  },
  "name": "T.G.I. Friday's",
  "restaurant_id": "40388936"
}
{
  "_id": ObjectId("61084f9abac9243af6d613c"),
  "address": {
    "building": 3000,
    "coord": [ -87.86567699999999, 42.6115092000001 ],
    "street": "47 Avenue",
    "zipcode": "11101"
  },
  "name": "Le Luvio's Deli",
  "restaurant_id": "40402284"
}
{
  "_id": ObjectId("61084f9abac9243af6d371"),
  "address": {
    "building": 21972199,
    "coord": [ -78.589606, 42.8912372 ],
    "street": "Broadway",
    "zipcode": "10024"
  },
  "name": "La Caridad 78",
  "restaurant_id": "40562825"
}
{
  "_id": ObjectId("61084f9abac9243af6d6a3"),
  "address": {
    "building": 7981,
    "coord": [ -84.9751215, 45.4713351 ],
    "street": "Hoyt Street",
    "zipcode": "11201"
  },
  "name": "Bajan S",
  "restaurant_id": "40876618"
}
{
  "_id": ObjectId("61084f9abac9243af6d6a58"),
  "address": {
    "building": 0,
    "coord": [ -88.0778799, 42.4154769 ],
    "street": "& Grand Central",
    "zipcode": "10017"
  },
  "name": "Hyatt, NY Central/Room Service",
  "restaurant_id": "409879243"
}
{
  "_id": ObjectId("61084f9abac9243af6d6a8e"),
  "address": {
    "building": 60,
    "coord": [ -111.9975285, 42.09708258 ],
    "street": "West Side Highway",
    "zipcode": "10006"
  },
  "name": "Sports Center At Chelsea Piers (Sushi Bar)",
  "restaurant_id": "40882356"
}
MongoDB Enterprise atlas-14bpn7-shard-0:PRIMARY>
```

25.

Microsoft Windows [Version 10.0.19041.1022]
Windows PowerShell
Copyright © 2021 Microsoft Corporation. All rights reserved.
PS C:\Windows\System32\cmd.exe> mongo "mongodb://root:apnpy.mongodb.net/myFirstDatabase" -username pi_25

```
MongoDB Enterprise atlas-14bprr-shard-0.PRIMARY> db.addresses.find().sort({ "name": 1 })  
[{"_id": ObjectId("61084f9abc9243a1fd6d85a7"), "address": {"building": "1", "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": "40084423"}, {"_id": ObjectId("61084f9abc9243a1fd6d5235"), "address": {"building": "1", "coord": [-73.962943, 40.685007], "street": "East 66 Street", "zipcode": "10065"}, "borough": "Manhattan", "cuisine": "American", "grades": [{"date": ISODate("2014-05-07T00:00:00Z"), "grade": "A", "score": 3}, {"date": ISODate("2012-04-30T00:00:00Z"), "grade": "A", "score": 6}], "name": "1 East 66th Street Kitchen", "restaurant_id": "40395480"}, {"_id": ObjectId("61084f9abc9243a1fd6d6426"), "address": {"building": "10016", "coord": [-73.821636, 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("2013-08-29T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2013-03-19T00:00:00Z"), "grade": "A", "score": 10}, {"date": ISODate("2012-03-06T00:00:00Z"), "grade": "A", "score": 10}], "name": "101 Deli", "restaurant_id": "40591271"}, {"_id": ObjectId("61084f9abc9243a1fd6d328"), "address": {"building": "10018", "coord": [-74.0243092, 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}], "name": "101 Restaurant And Bar", "restaurant_id": "40561008"}, {"_id": ObjectId("61084f9abc9243a1fd6d65b"), "address": {"building": "1020", "coord": [-73.9639641999999, 40.8032642], "street": "Amsterdam Avenue", "zipcode": "10025"}, "borough": "Manhattan", "cuisine": "American", "grades": [{"date": ISODate("2014-01-26T00:00:00Z"), "grade": "A", "score": 10}, {"date": ISODate("2013-01-19T00:00:00Z"), "grade": "A", "score": 7}, {"date": ISODate("2012-12-27T00:00:00Z"), "grade": "C", "score": 38}], "name": "1020 Bar", "restaurant_id": "40401104"}, {"_id": ObjectId("61084f9abc9243a1fd6d52f"), "address": {"building": "10401", "coord": [-73.9004264, 40.6520939], "street": "Foster Avenue", "zipcode": "11236"}, "borough": "Brooklyn", "cuisine": "Cafe/Coffee/Tea", "grades": [{"date": ISODate("2014-12-08T00:00:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2014-04-08T00:00:00Z"), "grade": "B", "score": 19}, {"date": ISODate("2014-03-07T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2012-10-04T00:00:00Z"), "grade": "A", "score": 8}], "name": "104-01 Foster Avenue Coffee Shop(Ups)", "restaurant_id": "40639261"}, {"_id": ObjectId("61084f9abc9243a1fd6d5db"), "address": {"building": "256", "coord": [-73.998993, 40.7471800000001], "street": "10th Ave Bet 24 & 25 St"}, "zipcode": "10001"}, {"borough": "Manhattan", "cuisine": "Pizza", "grades": [{"date": ISODate("2014-11-10T00:00:00Z"), "grade": "A", "score": 10}, {"date": ISODate("2013-10-21T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2013-05-31T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2012-12-14T00:00:00Z"), "grade": "A", "score": 7}], "name": "10th Avenue Pizza & Cafe", "restaurant_id": "40673117"}, {"_id": ObjectId("61084f9abc9243a1fd6d6a7"), "address": {"building": "9", "coord": [-73.7889689, 40.6433507], "street": "Central Taxi Hold", "zipcode": "11436"}, "borough": "Queens", "cuisine": "American", "grades": [{"date": ISODate("2014-03-06T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2013-09-18T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2012-08-21T00:00:00Z"), "grade": "A", "score": 3}], "name": "111 Restaurant", "restaurant_id": "40884354"}, {"_id": ObjectId("61084f9abc9243a1fd6d64d"), "address": {"building": "15", "coord": [-73.9921155, 40.7364567], "street": "East 15 Street", "zipcode": "10003"}, "borough": "Manhattan", "cuisine": "Japanese", "grades": [{"date": ISODate("2014-06-28T00:00:00Z"), "grade": "A", "score": 10}, {"date": ISODate("2013-10-22T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2012-02-03T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2011-06-30T00:00:00Z"), "grade": "A", "score": 10}], "name": "15 East Restaurant", "restaurant_id": "40698892"}, {"_id": ObjectId("61084f9abc9243a1fd6e8b"), "address": {"building": "200", "coord": [-73.9804898, 40.6768216], "street": "5 Avenue", "zipcode": "11217"}, "borough": "Brooklyn", "cuisine": "American", "grades": [{"date": ISODate("2014-07-03T00:00:00Z"), "grade": "B", "score": 26}, {"date": ISODate("2013-10-30T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2013-03-21T00:00:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2012-08-07T00:00:00Z"), "grade": "A", "score": 13}], "name": "200 Fifth Avenue Restaurant & Sports Bar", "restaurant_id": "40385555"}]
```

26.

C:\Windows\System32\cmd.exe -mnode: "mongodbs-sn://cluster0.apnyg.mongodb.net/myFirstDatabase? -username pia_25

```
MongoDB Enterprise atlas-14bpr7-shard-0.PRIMARY> db.addresses.find().sort({name: 1})  
[{"_id": ObjectId("61084f9abc9243a1f6d5cd4"), "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 Stammschick", "restaurant_id": "A0637777"}, {"_id": ObjectId("61084f9abc9243a1f6d0808"), "address": {"building": "187109", "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": 9}, {"date": ISODate("2011-12-17T00:00:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2010-07-15T00:00:00Z"), "grade": "A", "score": 6}], "name": "Zum Schneider", "restaurant_id": "A0676382"}, {"_id": ObjectId("61084f9abc9243a1f6d648"), "address": {"building": "2905", "coord": [-73.9133729999999, 40.775064], "street": "23 Avenue", "zipcode": "11105"}, "borough": "Queens", "cuisine": "Greek", "grades": [{"date": ISODate("2014-09-29T00:00:00Z"), "grade": "A", "score": 7}, {"date": ISODate("2014-04-18T00:00:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2013-03-19T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2012-10-03T00:00:00Z"), "grade": "B", "score": 20}, {"date": ISODate("2012-05-07T00:00:00Z"), "grade": "A", "score": 12}], "name": "Zorba's", "restaurant_id": "A0877247"}, {"_id": ObjectId("61084f9abc9243a1f6d6890"), "address": {"building": "385", "coord": [-73.9480349999999, 40.781662], "street": "East 92 Street", "zipcode": "10128"}, "borough": "Manhattan", "cuisine": "Brazilian", "grades": [{"date": ISODate("2015-01-09T00:00:00Z"), "grade": "A", "score": 10}, {"date": ISODate("2013-04-26T00:00:00Z"), "grade": "A", "score": 7}, {"date": ISODate("2012-05-10T00:00:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2011-12-24T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2010-07-21T00:00:00Z"), "grade": "A", "score": 13}], "name": "Zebu Grill", "restaurant_id": "A0880325"}, {"_id": ObjectId("61084f9abc9243a1f6d604b"), "address": {"building": "29", "coord": [-73.8611921999999, 40.8338023], "street": "Hugh Grant Circle", "zipcode": "10462"}, "borough": "Bronx", "cuisine": "Bakery", "grades": [{"date": ISODate("2014-08-27T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2013-09-10T00:00:00Z"), "grade": "A", "score": 0}, {"date": ISODate("2013-05-07T00:00:00Z"), "grade": "C", "score": 2}, {"date": ISODate("2013-03-23T00:00:00Z"), "grade": "P", "score": 13}, {"date": ISODate("2012-10-24T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2011-11-01T00:00:00Z"), "grade": "A", "score": 13}], "name": "Zano's Bread Basket", "restaurant_id": "A0897863"}, {"_id": ObjectId("61084f9abc9243a1f6d61c6"), "address": {"building": "1", "coord": [-76.878256, 40.26205], "street": "Pennsylvania Station (Amtrack)", "zipcode": "10001"}, "borough": "Manhattan", "cuisine": "Bakery", "grades": [{"date": ISODate("2014-02-07T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2014-11-27T00:00:00Z"), "grade": "A", "score": 5}, {"date": ISODate("2012-09-18T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2012-04-05T00:00:00Z"), "grade": "A", "score": 5}, {"date": ISODate("2011-11-17T00:00:00Z"), "grade": "A", "score": 2}, {"date": ISODate("2011-07-05T00:00:00Z"), "grade": "A", "score": 4}], "name": "Zano's Bread Basket", "restaurant_id": "A0510389"}, {"_id": ObjectId("61084f9abc9243a1f6d6108"), "address": {"building": "89", "coord": [-73.9772919999999, 40.7524958], "street": "East 42 Street", "zipcode": "10017"}, "borough": "Manhattan", "cuisine": "Bakery", "grades": [{"date": ISODate("2014-12-23T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2014-01-13T00:00:00Z"), "grade": "A", "score": 4}, {"date": ISODate("2013-01-23T00:00:00Z"), "grade": "A", "score": 2}, {"date": ISODate("2012-08-20T00:00:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2012-03-30T00:00:00Z"), "grade": "A", "score": 9}], "name": "Zaro's Bread Basket", "restaurant_id": "A0512617"}, {"_id": ObjectId("61084f9abc9243a1f6d6410"), "address": {"building": "89", "coord": [-73.9772919999999, 40.7524958], "street": "East 42 Street", "zipcode": "10017"}, "borough": "Manhattan", "cuisine": "Bakery", "grades": [{"date": ISODate("2014-12-11T00:00:00Z"), "grade": "A", "score": 8}, {"date": ISODate("2013-04-17T00:00:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2013-06-26T00:00:00Z"), "grade": "A", "score": 7}, {"date": ISODate("2013-01-29T00:00:00Z"), "grade": "A", "score": 5}, {"date": ISODate("2012-07-16T00:00:00Z"), "grade": "A", "score": 13}], "name": "Zaro's Bread Basket", "restaurant_id": "A0586099"}, {"_id": ObjectId("61084f9abc9243a1f6d67c1"), "address": {"building": "2", "coord": [-73.992255, 40.747912], "street": "Penn Plaza", "zipcode": "10121"}, "borough": "Manhattan", "cuisine": "Bakery", "grades": [{"date": ISODate("2014-02-18T00:00:00Z"), "grade": "A", "score": 7}, {"date": ISODate("2013-01-22T00:00:00Z"), "grade": "A", "score": 3}, {"date": ISODate("2012-03-21T00:00:00Z"), "grade": "A", "score": 10}, {"date": ISODate("2011-11-09T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2011-07-25T00:00:00Z"), "grade": "B", "score": 18}], "name": "Zaro's Bread Basket", "restaurant_id": "A0756766"}, {"_id": ObjectId("61084f9abc9243a1f6d6179"), "address": {"building": "89", "coord": [-73.9772919999999, 40.7524958], "street": "East 42 Street", "zipcode": "10017"}, "borough": "Manhattan", "cuisine": "American", "grades": [{"date": ISODate("2014-09-29T00:00:00Z"), "grade": "A", "score": 2}, {"date": ISODate("2013-09-11T00:00:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2012-09-14T00:00:00Z"), "grade": "A", "score": 10}], "name": "Zaro's Bakery", "restaurant_id": "A0586099"}]
```

27.

```
ps C:\Windows\System32\cmd.exe - mongo "mongodb://apnpy.mongodb.net/myFirstDatabase" --username pi_25

MongoDB Enterprise atlas-148pr7-shard-0.PRIMARY> db.addresses.find().sort({{"cuisine":1,"borough":-1}});

{
  "_id": ObjectId("61084f9abc9243a1f6d6080"),
  "address": {
    "building": "1345",
    "coord": [-73.950249, 40.768076],
    "street": "2 Avenue",
    "zipcode": "10021"
  },
  "borough": "Manhattan",
  "cuisine": "Afghan",
  "grades": [
    {
      "date": ISODate("2010-10-07T00:00:00Z"),
      "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("61084f9abc9243a1f6d642b"),
  "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": 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
    }
  ],
  "name": "Khyber Pass",
  "restaurant_id": "40958954"
}

{
  "_id": ObjectId("61084f9abc9243a1f6d644c"),
  "address": {
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    "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
    }
  ],
  "name": "Afghan Kebab House #1",
  "restaurant_id": "40616799"
}

{
  "_id": ObjectId("61084f9abc9243a1f6d6d9a"),
  "address": {
    "building": "787",
    "coord": [-73.9880886, 40.7651331],
    "street": "9 Avenue",
    "zipcode": "10019"
  },
  "borough": "Manhattan",
  "cuisine": "Afghan",
  "grades": [
    {
      "date": ISODate("2014-07-22T00:00:00Z"),
      "grade": "A",
      "score": 3
    },
    {
      "date": ISODate("2013-07-08T00:00:00Z"),
      "grade": "A",
      "score": 2
    },
    {
      "date": ISODate("2011-11-28T00:00:00Z"),
      "grade": "A",
      "score": 1
    }
  ],
  "name": "Ariana Kebab House",
  "restaurant_id": "40868409"
}

{
  "_id": ObjectId("61084f9abc9243a1f6d687c"),
  "address": {
    "building": "14612",
    "coord": [-73.8057078, 40.6948408],
    "street": "Liberty Avenue",
    "zipcode": "11435"
  },
  "borough": "Queens",
  "cuisine": "African",
  "grades": [
    {
      "date": ISODate("2014-04-16T00:00:00Z"),
      "grade": "A",
      "score": 4
    },
    {
      "date": ISODate("2012-08-23T00:00:00Z"),
      "grade": "A",
      "score": 18
    },
    {
      "date": ISODate("2012-02-21T00:00:00Z"),
      "grade": "A",
      "score": 11
    }
  ],
  "name": "African Queen",
  "restaurant_id": "40798584"
}

{
  "_id": ObjectId("61084f9abc9243a1f6d6086"),
  "address": {
    "building": "195",
    "coord": [-73.9718745, 40.6897199],
    "street": "DeKalb Avenue",
    "zipcode": "11205"
  },
  "borough": "Brooklyn",
  "cuisine": "African",
  "grades": [
    {
      "date": ISODate("2014-08-18T00:00:00Z"),
      "grade": "A",
      "score": 7
    },
    {
      "date": ISODate("2012-08-01T00:00:00Z"),
      "grade": "A",
      "score": 10
    },
    {
      "date": ISODate("2012-03-12T00:00:00Z"),
      "grade": "A",
      "score": 12
    }
  ],
  "name": "Madiba",
  "restaurant_id": "40681616"
}

{
  "_id": ObjectId("61084f9abc9243a1f6d5c60"),
  "address": {
    "building": "2300",
    "coord": [-73.8786113, 40.8502883],
    "street": "Southern Boulevard",
    "zipcode": "10460"
  },
  "borough": "Bronx",
  "cuisine": "African",
  "grades": [
    {
      "date": ISODate("2014-05-21T00:00:00Z"),
      "grade": "A",
      "score": 8
    },
    {
      "date": ISODate("2013-06-01T00:00:00Z"),
      "grade": "A",
      "score": 6
    },
    {
      "date": ISODate("2012-06-12T00:00:00Z"),
      "grade": "A",
      "score": 0
    }
  ],
  "name": "African Terrace",
  "restaurant_id": "409368021"
}

{
  "_id": ObjectId("61084f9abc9243a1f6d6934"),
  "address": {
    "building": "2364",
    "coord": [-73.9025083, 40.8663246],
    "street": "Jerome Avenue",
    "zipcode": "10468"
  },
  "borough": "Bronx",
  "cuisine": "African",
  "grades": [
    {
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      "grade": "A",
      "score": 12
    },
    {
      "date": ISODate("2013-10-22T00:00:00Z"),
      "grade": "A",
      "score": 11
    },
    {
      "date": ISODate("2011-10-04T00:00:00Z"),
      "grade": "A",
      "score": 11
    }
  ],
  "name": "Ebe Ye Eie African Restaurant",
  "restaurant_id": "40882718"
}

{
  "_id": ObjectId("61084f9abc9243a1f6d5c68"),
  "address": {
    "building": "37",
    "coord": [-74.138263, 40.546681],
    "street": "Mansion Ave",
    "zipcode": "10308"
  },
  "borough": "Staten Island",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-04-22T00:00:00Z"),
      "grade": "A",
      "score": 10
    },
    {
      "date": ISODate("2013-09-25T00:00:00Z"),
      "grade": "A",
      "score": 4
    },
    {
      "date": ISODate("2012-06-09T00:00:00Z"),
      "grade": "A",
      "score": 8
    }
  ],
  "name": "Great Kills Yacht Club",
  "restaurant_id": "40364610"
}

{
  "_id": ObjectId("61084f9abc9243a1f6d5c60"),
  "address": {
    "building": "390",
    "coord": [-74.0744431999999, 40.6096914],
    "street": "Hyland Boulevard",
    "zipcode": "10305"
  },
  "borough": "Staten Island",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-06-21T00:00:00Z"),
      "grade": "A",
      "score": 9
    },
    {
      "date": ISODate("2013-06-15T00:00:00Z"),
      "grade": "A",
      "score": 13
    },
    {
      "date": ISODate("2012-08-30T00:00:00Z"),
      "grade": "A",
      "score": 10
    }
  ],
  "name": "Labelt's Post # 2159",
  "restaurant_id": "40365822"
}

{
  "_id": ObjectId("61084f9abc9243a1f6d5c1"),
  "address": {
    "building": "6/36",
    "coord": [-74.2249442, 40.507199],
    "street": "Hyland Boulevard",
    "zipcode": "10309"
  },
  "borough": "Staten Island",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-08-13T00:00:00Z"),
      "grade": "A",
      "score": 3
    }
  ],
  "name": "Labelt's Post # 2159",
  "restaurant_id": "40365822"
}
```

28.

```
ps C:\Windows\System32\cmd.exe - mongo "mongodb://cluster0.apnyq.mongodb.net/myFirstDatabase" --username pi_25

MongoDB Enterprise atlas-14bp7-shard-0.PRIMARY> db.addresses.find({ "address.street": { $exists: true } });

{ "_id": ObjectId("61084f9aab0243af0fd5c15"), "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("2013-09-11T11T00:00Z"), "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", "id": "5075445" } ], "address": { "building": "469", "coord": [ -73.961704, 40.662942 ], "street": "Flatbush Avenue", "zipcode": "11225", "borough": "Brooklyn", "cuisine": "Hamburgers", "grades": [ { "date": ISODate("2014-12-30T00:00:00Z"), "grade": "A", "score": 8 }, { "date": ISODate("2014-07-01T00:00:00Z"), "grade": "B", "score": 23 }, { "date": ISODate("2013-04-30T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2012-05-08T00:00:00Z"), "grade": "A", "score": 12 } ], "name": "Wendy's", "restaurant_id": "30112340" }, "address": { "building": "351", "coord": [ -73.98513559999999, 40.7676919 ], "street": "West 57 Street", "zipcode": "10019", "borough": "Manhattan", "cuisine": "Irish", "grades": [ { "date": ISODate("2014-09-06T00:00:00Z"), "grade": "A", "score": 2 }, { "date": ISODate("2013-07-22T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2012-07-31T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2011-12-29T00:00:00Z"), "grade": "A", "score": 12 } ], "name": "Dj Reynolds Pub And Restaurant", "restaurant_id": "30191841" }, "address": { "building": "2780", "coord": [ -73.98241999999999, 40.579505 ], "street": "Stillwell Avenue", "zipcode": "11224", "borough": "Brooklyn", "cuisine": "American", "grades": [ { "date": ISODate("2014-06-05T00:00:00Z"), "grade": "A", "score": 7 }, { "date": ISODate("2012-04-13T00:00:00Z"), "grade": "A", "score": 5 }, { "date": ISODate("2010-06-05T00:00:00Z"), "grade": "A", "score": 13 } ], "name": "Riviera Caterer", "restaurant_id": "40356018" }, "address": { "building": "97-22", "coord": [ -73.8601152, 40.7317139 ], "street": "63 Road", "zipcode": "11374", "borough": "Queens", "cuisine": "Jewish/Kosher", "grades": [ { "date": ISODate("2014-11-24T00:00:00Z"), "grade": "Z", "score": 20 }, { "date": ISODate("2013-01-17T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2012-08-02T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2011-12-15T00:00:00Z"), "grade": "B", "score": 25 } ], "name": "Tov Kosher Kitchen", "restaurant_id": "40350668" }, "address": { "building": "8825", "coord": [ -73.88893827, 40.7643124 ], "street": "Astoria Boulevard", "zipcode": "11369", "borough": "Queens", "cuisine": "American", "grades": [ { "date": ISODate("2014-11-15T00:00:00Z"), "grade": "Z", "score": 38 }, { "date": ISODate("2014-05-02T00:00:00Z"), "grade": "A", "score": 18 }, { "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" }, "address": { "building": "206", "coord": [ -74.1377286, 40.6119572 ], "street": "Victory Boulevard", "zipcode": "10314", "borough": "Staten Island", "cuisine": "Jewish/Kosher", "grades": [ { "date": ISODate("2014-16-06T00:00:00Z"), "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" }, "address": { "building": "1114", "coord": [ -73.90685696, 40.61199034 ], "street": "Avenue U", "zipcode": "11234", "borough": "Brooklyn", "cuisine": "Delicatessen", "grades": [ { "date": ISODate("2014-05-29T00:00:00Z"), "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 } ], "name": "Wilken's Fine Food", "restaurant_id": "40356483" }, "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": 12 }, { "date": ISODate("2011-08-17T00:00:00Z"), "grade": "A", "score": 11 } ], "name": "French Caterers", "restaurant_id": "40356649" }, "address": { "building": "1830", "coord": [ -73.9482690, 40.648827 ], "street": "Nostrand Avenue", "zipcode": "11226", "borough": "Brooklyn", "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "grades": [ { "date": ISODate("2014-07-14T00:00:00Z"), "grade": "A", "score": 8 }, { "date": ISODate("2012-07-19T00:00:00Z"), "grade": "A", "score": 8 } ], "name": "Taste The Tropics Ice Cream", "restaurant_id": "40356731" }, "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": 3 } ], "name": "Wild Asia", "restaurant_id": "40357217" }
```

29.

```
C:\Windows\System32\cmd.exe - mongo "mongodb://cluster0.apnpy.mongodb.net/myFirstDatabase" --username pi_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.addresses.find({"address.coord":{$type:1}});

{
  "_id": ObjectId("61084f9aaeb9243af0fd5c15"),
  "address": {
    "building": "100",
    "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": 2
    }
  ],
  "name": "Morris Park Bagel Shop",
  "restaurant_id": "10575445"
},
{
  "_id": ObjectId("61084f9aaeb9243af0fd5c16"),
  "address": {
    "building": "469",
    "coord": [-73.961704, 40.662942],
    "street": "Flatbush Avenue",
    "zipcode": "11225"
  },
  "borough": "Brooklyn",
  "cuisine": "Hamburgers",
  "grades": [
    {
      "date": ISODate("2014-12-30T00:00:00Z"),
      "grade": "A",
      "score": 8
    },
    {
      "date": ISODate("2014-07-01T00:00:00Z"),
      "grade": "B",
      "score": 23
    }
  ],
  "name": "Wendy's",
  "restaurant_id": "30112340"
},
{
  "_id": ObjectId("61084f9aaeb9243af0fd5c17"),
  "address": {
    "building": "351",
    "coord": [-73.98513599999999, 40.7676919],
    "street": "West 57 Street",
    "zipcode": "10019"
  },
  "borough": "Manhattan",
  "cuisine": "Irish",
  "grades": [
    {
      "date": ISODate("2014-09-06T00:00:00Z"),
      "grade": "A",
      "score": 2
    },
    {
      "date": ISODate("2012-11-29T00:00:00Z"),
      "grade": "A",
      "score": 11
    }
  ],
  "name": "Dj Reynolds Pub And Restaurant",
  "restaurant_id": "30191841"
},
{
  "_id": ObjectId("61084f9aaeb9243af0fd5c18"),
  "address": {
    "building": "2780",
    "coord": [-73.82419999999999, 40.579595],
    "street": "Stillwell Avenue",
    "zipcode": "11224"
  },
  "borough": "Brooklyn",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-06-10T00:00:00Z"),
      "grade": "A",
      "score": 5
    },
    {
      "date": ISODate("2012-07-01T00:00:00Z"),
      "grade": "A",
      "score": 12
    }
  ],
  "name": "Riviera Caterer",
  "restaurant_id": "40356018"
},
{
  "_id": ObjectId("61084f9aaeb9243af0fd5c19"),
  "address": {
    "building": "97-22",
    "coord": [-73.8601152, 40.7311739],
    "street": "63 Road",
    "zipcode": "11374"
  },
  "borough": "Queens",
  "cuisine": "Jewish/Kosher",
  "grades": [
    {
      "date": ISODate("2014-11-24T00:00:00Z"),
      "grade": "Z",
      "score": 20
    },
    {
      "date": ISODate("2013-01-17T00:00:00Z"),
      "grade": "A",
      "score": 13
    }
  ],
  "name": "Tov Kosher Kitchen",
  "restaurant_id": "40356686"
},
{
  "_id": ObjectId("61084f9aaeb9243af0fd5c1a"),
  "address": {
    "building": "8825",
    "coord": [-73.8883827, 40.7643124],
    "street": "Astoria Boulevard",
    "zipcode": "11369"
  },
  "borough": "Queens",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-11-15T00:00:00Z"),
      "grade": "Z",
      "score": 38
    },
    {
      "date": ISODate("2014-05-02T00:00:00Z"),
      "grade": "A",
      "score": 10
    }
  ],
  "name": "Brunos On The Boulevard",
  "restaurant_id": "40356151"
},
{
  "_id": ObjectId("61084f9aaeb9243af0fd5c1b"),
  "address": {
    "building": "206",
    "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
    }
  ],
  "name": "Kosher Island",
  "restaurant_id": "40356442"
},
{
  "_id": ObjectId("61084f9aaeb9243af0fd5c1c"),
  "address": {
    "building": "114",
    "coord": [-73.9068506, 40.6119904],
    "street": "Avenue U",
    "zipcode": "11234"
  },
  "borough": "Brooklyn",
  "cuisine": "Delicatessen",
  "grades": [
    {
      "date": ISODate("2014-05-29T00:00:00Z"),
      "grade": "A",
      "score": 10
    },
    {
      "date": ISODate("2013-08-03T00:00:00Z"),
      "grade": "A",
      "score": 8
    }
  ],
  "name": "Wilken's Fine Food",
  "restaurant_id": "40356483"
},
{
  "_id": ObjectId("61084f9aaeb9243af0fd5c1d"),
  "address": {
    "building": "6409",
    "coord": [-74.00528999999999, 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("2013-02-13T00:00:00Z"),
      "grade": "A",
      "score": 11
    }
  ],
  "name": "Regina Caterers",
  "restaurant_id": "40356649"
},
{
  "_id": ObjectId("61084f9aaeb9243af0fd5c1e"),
  "address": {
    "building": "839",
    "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
    }
  ],
  "name": "Taste The Tropics Ice Cream",
  "restaurant_id": "40356731"
},
{
  "_id": ObjectId("61084f9aaeb9243af0fd5c1f"),
  "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("2012-06-19T00:00:00Z"),
      "grade": "A",
      "score": 4
    }
  ],
  "name": "Wild Asia",
  "restaurant_id": "40357217"
}
```

30.

```
PS C:\Windows\System32\cmd.exe - mongo "mongodb://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY db.addresses.find({"grades.score":{$mod:[7,0]}}, {"restaurant_id":1, "name":1, "grades":1} );
{"_id": ObjectId("61084f9abc9243a1f6d5c3f"), "grades": [ { "date": ISODate("2014-06-02T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2013-12-27T00:00:00Z"), "grade": "A", "score": 8 }, { "date": ISODate("2013-03-18T00:00:00Z"), "grade": "B", "score": 26 }, { "date": ISODate("2012-02-01T00:00:00Z"), "grade": "A", "score": 7 }, { "date": ISODate("2011-07-06T00:00:00Z"), "grade": "B", "score": 25 } ], "name": "Lorenzo & Maria's", "restaurant_id": "40363630" }
{"_id": ObjectId("61084f9abc9243a1f6d5c7f"), "grades": [ { "date": ISODate("2014-11-20T00:00:00Z"), "grade": "A", "score": 5 }, { "date": ISODate("2014-01-13T00:00:00Z"), "grade": "B", "score": 4 }, { "date": ISODate("2012-05-02T00:00:00Z"), "grade": "B", "score": 28 } ], "name": "Joe & Pat's Pizzeria", "restaurant_id": "40365454" }
{"_id": ObjectId("61084f9abc9243a1f6d5cba"), "grades": [ { "date": ISODate("2013-04-25T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2014-10-09T00:00:00Z"), "grade": "B", "score": 15 } ], "name": "Cara Mia", "restaurant_id": "40366812" }
{"_id": ObjectId("61084f9abc9243a1f6d5cd5"), "grades": [ { "date": ISODate("2012-01-24T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2014-07-22T00:00:00Z"), "grade": "A", "score": 3 } ], "name": "Tropical House Baking Co.", "restaurant_id": "40367296" }
{"_id": ObjectId("61084f9abc9243a1f6d5d84"), "grades": [ { "date": ISODate("2013-03-06T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2013-01-23T00:00:00Z"), "grade": "A", "score": 6 } ], "name": "John S Restaurant", "restaurant_id": "40367407" }
{"_id": ObjectId("61084f9abc9243a1f6d5d5a"), "grades": [ { "date": ISODate("2012-08-16T00:00:00Z"), "grade": "A", "score": 5 }, { "date": ISODate("2012-08-13T00:00:00Z"), "grade": "A", "score": 8 } ], "name": "Mariella Pizza", "restaurant_id": "40371313" }
{"_id": ObjectId("61084f9abc9243a1f6d5d76"), "grades": [ { "date": ISODate("2013-03-18T00:00:00Z"), "grade": "A", "score": 2 }, { "date": ISODate("2012-09-26T00:00:00Z"), "grade": "A", "score": 13 } ], "name": "The Napolean", "restaurant_id": "40374974" }
{"_id": ObjectId("61084f9abc9243a1f6d5d2f"), "grades": [ { "date": ISODate("2014-03-18T00:00:00Z"), "grade": "A", "score": 8 }, { "date": ISODate("2013-03-18T00:00:00Z"), "grade": "A", "score": 2 } ], "name": "White Castle", "restaurant_id": "40362344" }
{"_id": ObjectId("61084f9abc9243a1f6d5c6b"), "grades": [ { "date": ISODate("2013-02-05T00:00:00Z"), "grade": "A", "score": 2 }, { "date": ISODate("2012-05-29T00:00:00Z"), "grade": "A", "score": 13 } ], "name": "White Horse Tavern", "restaurant_id": "40364958" }
{"_id": ObjectId("61084f9abc9243a1f6d5caf"), "grades": [ { "date": ISODate("2014-09-25T00:00:00Z"), "grade": "B", "score": 25 }, { "date": ISODate("2014-05-14T00:00:00Z"), "grade": "B", "score": 6 } ], "name": "Jardin De China Rest", "restaurant_id": "40366543" }
{"_id": ObjectId("61084f9abc9243a1f6d5d31"), "grades": [ { "date": ISODate("2011-11-23T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2012-06-27T00:00:00Z"), "grade": "A", "score": 13 } ], "name": "Beaver Pond", "restaurant_id": "40368825" }
{"_id": ObjectId("61084f9abc9243a1f6d5d31"), "grades": [ { "date": ISODate("2013-07-15T00:00:00Z"), "grade": "B", "score": 17 }, { "date": ISODate("2011-11-02T00:00:00Z"), "grade": "B", "score": 21 } ], "name": "Gino's Pizzeria", "restaurant_id": "40369849" }
{"_id": ObjectId("61084f9abc9243a1f6d5d7"), "grades": [ { "date": ISODate("2013-01-12T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-04-12T00:00:00Z"), "grade": "A", "score": 13 } ], "name": "The Greek Corner", "restaurant_id": "40372944" }
```

31.

```
PS C:\Windows\System32\cmd.exe - mongo "mongodb://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY db.addresses.find({name:{'$regex': 'mon.*', '$options': 'i'}}, {"name":1, "borough":1, "address.coord":1, "cuisine":1})
{"_id": ObjectId("61084f9abc9243a1f6dc9a"), "address": { "coord": [-73.98366999999999, 40.744149] }, "borough": "Manhattan", "cuisine": "American", "name": "Desmond's Tavern" }
{"_id": ObjectId("61084f9abc9243a1f6d5cb2"), "address": { "coord": [-73.8221418, 40.7272376] }, "borough": "Queens", "cuisine": "Jewish/Kosher", "name": "Shimons Kosher Pizza" }
{"_id": ObjectId("61084f9abc9243a1f6d5cb2"), "address": { "coord": [-74.10465599999999, 40.580834] }, "borough": "Staten Island", "cuisine": "American", "name": "Richmond County Club" }
{"_id": ObjectId("61084f9abc9243a1f6d5ce9"), "address": { "coord": [-73.9812843, 40.5947365] }, "borough": "Brooklyn", "cuisine": "Pizza/Italian", "name": "Lb Spumoni Gardens" }
{"_id": ObjectId("61084f9abc9243a1f6d5d3b"), "address": { "coord": [-73.951199, 40.7166026] }, "borough": "Brooklyn", "cuisine": "Italian", "name": "Bamonte's Restaurant" }
{"_id": ObjectId("61084f9abc9243a1f6d5d72"), "address": { "coord": [-73.924072, 40.7610890000001] }, "borough": "Queens", "cuisine": "Greek", "name": "Omonia Cafe" }
{"_id": ObjectId("61084f9abc9243a1f6d5dc2"), "address": { "coord": [-74.0023353, 40.7333573] }, "borough": "Manhattan", "cuisine": "American", "name": "Manhattan Monster" }
{"_id": ObjectId("61084f9abc9243a1f6d5def"), "address": { "coord": [-74.001894, 40.729583] }, "borough": "Manhattan", "cuisine": "Italian", "name": "Monte's" }
{"_id": ObjectId("61084f9abc9243a1f6d5df5"), "address": { "coord": [-73.9901605, 40.7526176] }, "borough": "Manhattan", "cuisine": "American", "name": "Delmonico's Kitchen" }
{"_id": ObjectId("61084f9abc9243a1f6d5e0b"), "address": { "coord": [-73.9979536, 40.6914024] }, "borough": "Brooklyn", "cuisine": "Bottled beverages, including water, sodas, juices, etc.", "name": "Montero Bar & Grill" }
{"_id": ObjectId("61084f9abc9243a1f6d5f96"), "address": { "coord": [-73.9707505, 40.7635651] }, "borough": "Manhattan", "cuisine": "Delicatessen", "name": "Delimonico Gourmet" }
{"_id": ObjectId("61084f9babcc9243a1f6d6003"), "address": { "coord": [-73.9760637, 40.7508686] }, "borough": "Manhattan", "cuisine": "American", "name": "Delmonico Gourmet" }
{"_id": ObjectId("61084f9babcc9243a1f6d6017"), "address": { "coord": [-73.9705633, 40.7605759] }, "borough": "Manhattan", "cuisine": "Italian", "name": "Montebello Restaurant" }
{"_id": ObjectId("61084f9babcc9243a1f6d60af"), "address": { "coord": [-74.1914658, 40.5527436000001] }, "borough": "Staten Island", "cuisine": "Italian", "name": "Villa Monte Pizzeria" }
{"_id": ObjectId("61084f9babcc9243a1f6d615a"), "address": { "coord": [-73.97198209999999, 40.764464] }, "borough": "Manhattan", "cuisine": "American", "name": "Harmonie Club" }
{"_id": ObjectId("61084f9babcc9243a1f6d621e"), "address": { "coord": [-73.79571990000001, 40.7095637] }, "borough": "Queens", "cuisine": "Bakery", "name": "Ramon's Bakery" }
{"_id": ObjectId("61084f9babcc9243a1f6d6252"), "address": { "coord": [-73.9785210000001, 40.729192] }, "borough": "Manhattan", "cuisine": "American", "name": "Mona's" }
{"_id": ObjectId("61084f9babcc9243a1f6d6277"), "address": { "coord": [-73.9846348000001, 40.7630755] }, "borough": "Manhattan", "cuisine": "American", "name": "Neil Simon Theatre" }
{"_id": ObjectId("61084f9babcc9243a1f6d62b2"), "address": { "coord": [-73.9938361, 40.6901317] }, "borough": "Brooklyn", "cuisine": "Bakery", "name": "Mondial Bakery" }
{"_id": ObjectId("61084f9babcc9243a1f6d62d9"), "address": { "coord": [-74.028486, 40.630438] }, "borough": "Brooklyn", "cuisine": "Mediterranean", "name": "Omonia Cafe" }
Type "it" for more
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY
```

32.

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.addresses.find({name:{$regex: /Mad/i,}}, {"name":1, "borough":1, "address.coord":1, "cuisine":1});
{
  "_id" : ObjectId("61084f9bab9243a1f6d6151"),
  "address" : {
    "coord" : [ -73.9866597, 40.7431194 ],
    "borough" : "Manhattan",
    "cuisine" : "American",
    "name" : "Madison Square"
  }
}
{
  "_id" : ObjectId("61084f9bab9243a1f6d621f"),
  "address" : {
    "coord" : [ -73.9830219999999, 40.742313 ],
    "borough" : "Manhattan",
    "cuisine" : "Indian",
    "name" : "Madras Mahal"
  }
}
{
  "_id" : ObjectId("61084f9abc9243a1f6d64cd"),
  "address" : {
    "coord" : [ -74.000002, 40.72735 ],
    "borough" : "Manhattan",
    "cuisine" : "American",
    "name" : "Madame X"
  }
}
{
  "_id" : ObjectId("61084f9abc9243a1f6d657d"),
  "address" : {
    "coord" : [ -73.9817195999999, 40.7499406 ],
    "borough" : "Manhattan",
    "cuisine" : "French",
    "name" : "Madison Bistro"
  }
}
{
  "_id" : ObjectId("61084f9abc9243a1f6d6606"),
  "address" : {
    "coord" : [ -73.9717845, 40.6897199 ],
    "borough" : "Brooklyn",
    "cuisine" : "African",
    "name" : "Madiba"
  }
}
{
  "_id" : ObjectId("61084f9dabc9243a1f6d690b"),
  "address" : {
    "coord" : [ -73.9846753, 40.9060011 ],
    "borough" : "Bronx",
    "cuisine" : "Italian",
    "name" : "Madison'S"
  }
}
{
  "_id" : ObjectId("61084f9dabc9243a1f6d6989"),
  "address" : {
    "coord" : [ -73.9886598, 40.7565811 ],
    "borough" : "Manhattan",
    "cuisine" : "Hotdogs",
    "name" : "Madame Tussaud'S"
  }
}
{
  "_id" : ObjectId("61084f9dabc9243a1f6d69c1"),
  "address" : {
    "coord" : [ -73.9562371999999, 40.7761697 ],
    "borough" : "Manhattan",
    "cuisine" : "American",
    "name" : "Mad River Bar & Grille"
  }
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```