MONGO DB ASSINGMENTS

ASSIGNMENT-3

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find()
[
  {
    _id: ObjectId("620559e90315e529c7fb4e4b"),
    address: {
      building: '469',
      coord: [ -73.961704, 40.662942 ],
      street: 'Flatbush Avenue',
      zipcode: '11225'
    },
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    grades: [
      {
        date: ISODate("2014-12-30T00:00:00.000Z"),
        grade: 'A',
        score: 8
      },
      {
        date: ISODate("2014-07-01T00:00:00.000Z"),
        grade: 'B',
        score: 23
      },
      {
        date: ISODate("2013-04-30T00:00:00.000Z"),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate("2012-05-08T00:00:00.000Z"),
        grade: 'A',
        score: 12
      }
    ],
    name: "Wendy'S",
    restaurant_id: '30112340'
  },
  {
    _id: ObjectId("620559e90315e529c7fb4e4c"),
    address: {
      building: '97-22',
      coord: [ -73.8601152, 40.7311739 ],
      street: '63 Road',
      zipcode: '11374'
    },
    borough: 'Queens',
    cuisine: 'Jewish/Kosher',
    grades: [
      {
        date: ISODate("2014-11-24T00:00:00.000Z"),
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({},{_id:1,name:1, cuisine:1,borough:1,restaurant_id:1})
[
  {
    _id: ObjectId("620559e90315e529c7fb4e4b"),
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    name: "Wendy'S",
    restaurant_id: '30112340'
  },
  {
    _id: ObjectId("620559e90315e529c7fb4e4c"),
    borough: 'Queens',
    cuisine: 'Jewish/Kosher',
    name: 'Tov Kosher Kitchen',
    restaurant_id: '40356068'
  },
  {
    _id: ObjectId("620559e90315e529c7fb4e4d"),
    borough: 'Manhattan',
    cuisine: 'Irish',
    name: 'Dj Reynolds Pub And Restaurant',
    restaurant_id: '30191841'
  },
  {
    _id: ObjectId("620559e90315e529c7fb4e4e"),
    borough: 'Queens',
    cuisine: 'American ',
    name: 'Brunos On The Boulevard',
    restaurant_id: '40356151'
  },
  {
    _id: ObjectId("620559e90315e529c7fb4e4f"),
    borough: 'Staten Island',
    cuisine: 'Jewish/Kosher',
    name: 'Kosher Island',
    restaurant_id: '40356442'
  },
  {
    _id: ObjectId("620559e90315e529c7fb4e50"),
    borough: 'Brooklyn',
    cuisine: 'American ',
    name: 'Riviera Caterer',
    restaurant_id: '40356018'
  },
  {
    _id: ObjectId("620559e90315e529c7fb4e51"),
    borough: 'Bronx',
    cuisine: 'Bakery',
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({},{_id:0,name:1, cuisine:1,borough:1,restaurant_id:1})
[
  {
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    name: "Wendy'S",
    restaurant_id: '30112340'
  },
  {
    borough: 'Queens',
    cuisine: 'Jewish/Kosher',
    name: 'Tov Kosher Kitchen',
    restaurant_id: '40356068'
  },
  {
    borough: 'Manhattan',
    cuisine: 'Irish',
    name: 'Dj Reynolds Pub And Restaurant',
    restaurant_id: '30191841'
  },
  {
    borough: 'Queens',
    cuisine: 'American ',
    name: 'Brunos On The Boulevard',
    restaurant_id: '40356151'
  },
  {
    borough: 'Staten Island',
    cuisine: 'Jewish/Kosher',
    name: 'Kosher Island',
    restaurant_id: '40356442'
  },
  {
    borough: 'Brooklyn',
    cuisine: 'American ',
    name: 'Riviera Caterer',
    restaurant_id: '40356018'
  },
  {
    borough: 'Bronx',
    cuisine: 'Bakery',
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  },
  {
    borough: 'Brooklyn',
    cuisine: 'Delicatessen',
    name: "Wilken'S Fine Food",
    restaurant_id: '40356483'
  },
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({},{_id:0,name:1, cuisine:1,borough:1,restaurant_id:1,"addresses.zipcodes":1})
[
  {
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    name: "Wendy'S",
    restaurant_id: '30112340'
  },
  {
    borough: 'Queens',
    cuisine: 'Jewish/Kosher',
    name: 'Tov Kosher Kitchen',
    restaurant_id: '40356068'
  },
  {
    borough: 'Manhattan',
    cuisine: 'Irish',
    name: 'Dj Reynolds Pub And Restaurant',
    restaurant_id: '30191841'
  },
  {
    borough: 'Queens',
    cuisine: 'American ',
    name: 'Brunos On The Boulevard',
    restaurant_id: '40356151'
  },
  {
    borough: 'Staten Island',
    cuisine: 'Jewish/Kosher',
    name: 'Kosher Island',
    restaurant_id: '40356442'
  },
  {
    borough: 'Brooklyn',
    cuisine: 'American ',
    name: 'Riviera Caterer',
    restaurant_id: '40356018'
  },
  {
    borough: 'Bronx',
    cuisine: 'Bakery',
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  },
  {
    borough: 'Brooklyn',
    cuisine: 'Delicatessen',
    name: "Wilken'S Fine Food",
    restaurant_id: '40356483'
  },
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({"borough":"Bronx"}).limit(5)
[
  {
    _id: ObjectId("620559e90315e529c7fb4e51"),
    address: {
      building: '1007',
      coord: [ -73.856077, 40.848447 ],
      street: 'Morris Park Ave',
      zipcode: '10462'
    },
    borough: 'Bronx',
    cuisine: 'Bakery',
    grades: [
      {
        date: ISODate("2014-03-03T00:00:00.000Z"),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate("2013-09-11T00:00:00.000Z"),
        grade: 'A',
        score: 6
      },
      {
        date: ISODate("2013-01-24T00:00:00.000Z"),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate("2011-11-23T00:00:00.000Z"),
        grade: 'A',
        score: 9
      },
      {
        date: ISODate("2011-03-10T00:00:00.000Z"),
        grade: 'B',
        score: 14
      }
    ],
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  },
  {
    _id: ObjectId("620559e90315e529c7fb4e54"),
    address: {
      building: '2300',
      coord: [ -73.8786113, 40.8502883 ],
      street: 'Southern Boulevard',
      zipcode: '10460'
    }
```

```
Atlas atlas-z7176e-shard-0 [primary] restaurants> db.addresses.find({"borough":"Bronx"}).skip(5).limit(5)
[
  {
    _id: ObjectId("620559e90315e529c7fb4e84"),
    address: {
      building: '658',
      coord: [ -73.8136399999999, 40.82941100000001 ],
      street: 'Clarence Ave',
      zipcode: '10465'
    },
    borough: 'Bronx',
    cuisine: 'American ',
    grades: [
      {
        date: ISODate("2014-06-21T00:00:00.000Z"),
        grade: 'A',
        score: 5
      },
      {
        date: ISODate("2012-07-11T00:00:00.000Z"),
        grade: 'A',
        score: 10
      }
    ],
    name: 'Manhem Club',
    restaurant_id: '40364363'
  },
  {
    _id: ObjectId("620559e90315e529c7fb4ea0"),
    address: {
      building: '2222',
      coord: [ -73.84971759999999, 40.8304811 ],
      street: 'Haviland Avenue',
      zipcode: '10462'
    },
    borough: 'Bronx',
    cuisine: 'American ',
    grades: [
      {
        date: ISODate("2014-12-18T00:00:00.000Z"),
        grade: 'A',
        score: 7
      },
      {
        date: ISODate("2014-05-01T00:00:00.000Z"),
        grade: 'B',
        score: 17
      },
      {
        date: ISODate("2013-03-14T00:00:00.000Z"),
```

```
Atlas atlas-z7176e-shard-0 [primary] restaurants> db.addresses.find({"grades.score":{"$gt":90}})
[
  {
    _id: ObjectId("620559e90315e529c7fb4fa8"),
    address: {
      building: '65',
      coord: [ -73.9782725, 40.7624022 ],
      street: 'West   54 Street',
      zipcode: '10019'
    },
    borough: 'Manhattan',
    cuisine: 'American ',
    grades: [
      {
        date: ISODate("2014-08-22T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2014-03-28T00:00:00.000Z"),
        grade: 'C',
        score: 131
      },
      {
        date: ISODate("2013-09-25T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2013-04-08T00:00:00.000Z"),
        grade: 'B',
        score: 25
      },
      {
        date: ISODate("2012-10-15T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2011-10-19T00:00:00.000Z"),
        grade: 'A',
        score: 13
      }
    ],
    name: "Murals On 54/Randolphs'S",
    restaurant_id: '40372466'
  },
  {
    id: ObjectId("620559e90315e529c7fb5049"),
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({$and:[{"grades.score":{"$gt":90}},{"grades.score":{"$lt":100}}]})
[
  {
    _id: ObjectId("620559e90315e529c7fb4fa8"),
    address: {
      building: '65',
      coord: [ -73.9782725, 40.7624022 ],
      street: 'West   54 Street',
      zipcode: '10019'
    },
    borough: 'Manhattan',
    cuisine: 'American ',
    grades: [
      {
        date: ISODate("2014-08-22T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2014-03-28T00:00:00.000Z"),
        grade: 'C',
        score: 131
      },
      {
        date: ISODate("2013-09-25T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2013-04-08T00:00:00.000Z"),
        grade: 'B',
        score: 25
      },
      {
        date: ISODate("2012-10-15T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2011-10-19T00:00:00.000Z"),
        grade: 'A',
        score: 13
      }
    ],
    name: "Murals On 54/Randolphs'S",
    restaurant_id: '40372466'
  },
  {
    _id: ObjectId("620559e90315e529c7fb5049"),
    address: {
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({"address.coord.0":{$lt:-95.754168}})
[
  {
    _id: ObjectId("620559e90315e529c7fb5494"),
    address: {
      building: '3707',
      coord: [ -101.8945214, 33.5197474 ],
      street: '82 Street',
      zipcode: '11372'
    },
    borough: 'Queens',
    cuisine: 'American ',
    grades: [
      {
        date: ISODate("2014-06-04T00:00:00.000Z"),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate("2013-11-07T00:00:00.000Z"),
        grade: 'B',
        score: 19
      },
      {
        date: ISODate("2013-05-17T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2012-08-29T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2012-04-03T00:00:00.000Z"),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate("2011-11-16T00:00:00.000Z"),
        grade: 'A',
        score: 7
      }
    ],
    name: 'Burger King',
    restaurant_id: '40534067'
  },
  {
    _id: ObjectId("620559ea0315e529c7fb5803"),
    address: {
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({$and:[{"cusine":{$ne:"American"}},{"address.coord.0":{"$lt":-65.754168}},{"grades.score":{"$gt":70}}]})
[
  {
    _id: ObjectId("620559e90315e529c7fb4fa8"),
    address: {
      building: '65',
      coord: [ -73.9782725, 40.7624022 ],
      street: 'West   54 Street',
      zipcode: '10019'
    },
    borough: 'Manhattan',
    cuisine: 'American ',
    grades: [
      {
        date: ISODate("2014-08-22T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2014-03-28T00:00:00.000Z"),
        grade: 'C',
        score: 131
      },
      {
        date: ISODate("2013-09-25T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2013-04-08T00:00:00.000Z"),
        grade: 'B',
        score: 25
      },
      {
        date: ISODate("2012-10-15T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2011-10-19T00:00:00.000Z"),
        grade: 'A',
        score: 13
      }
    ],
    name: "Murals On 54/Randolphs'S",
    restaurant_id: '40372466'
  },
  {
    _id: ObjectId("620559e90315e529c7fb5049"),
    address: {
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({$and:[{"cusine":{$ne:"American"}},{"grades.grade":"A"},{"borough":{$ne:"Brooklyn"}}]}).sort({cusine:-1})
[
  {
    _id: ObjectId("620559e90315e529c7fb4e4c"),
    address: {
      building: '97-22',
      coord: [ -73.8601152, 40.7311739 ],
      street: '63 Road',
      zipcode: '11374'
    },
    borough: 'Queens',
    cuisine: 'Jewish/Kosher',
    grades: [
      {
        date: ISODate("2014-11-24T00:00:00.000Z"),
        grade: 'Z',
        score: 20
      },
      {
        date: ISODate("2013-01-17T00:00:00.000Z"),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate("2012-08-02T00:00:00.000Z"),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate("2011-12-15T00:00:00.000Z"),
        grade: 'B',
        score: 25
      }
    ],
    name: 'Tov Kosher Kitchen',
    restaurant_id: '40356068'
  },
  {
    _id: ObjectId("620559e90315e529c7fb4e4d"),
    address: {
      building: '351',
      coord: [ -73.98513559999999, 40.7676919 ],
      street: 'West   57 Street',
      zipcode: '10019'
    },
    borough: 'Manhattan',
    cuisine: 'Irish',
    grades: [
      {
        date: ISODate("2014-09-06T00:00:00.000Z"),
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({"name":{$regex:/.*ces$/}},{_id:0,restaurant_id:1,naAtlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({"name":{$regex:/.*ces
/}},{_id:0,restaurant_id:1,name:1,borough:1,cusine:1})
[
  { borough: 'Manhattan', name: 'Pieces', restaurant_id: '40399910' },
  {
    borough: 'Queens',
    name: 'S.M.R Restaurant Services',
    restaurant_id: '40403857'
  },
  {
    borough: 'Manhattan',
    name: 'Good Shepherd Services',
    restaurant_id: '40403989'
  },
  {
    borough: 'Queens',
    name: "The Ice Box-Ralph'S Famous Italian Ices",
    restaurant_id: '40690899'
  },
  { borough: 'Brooklyn', name: 'Alices', restaurant_id: '40782042' },
  {
    borough: 'Manhattan',
    name: 'Re: Sources',
    restaurant_id: '40876068'
  }
]
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({"name":{$regex:/Reg/}},{_id:0,restaurant_id:1,name:1,borough:1,cusine:1})
[
  {
    borough: 'Brooklyn',
    name: 'Regina Caterers',
    restaurant_id: '40356649'
  },
  {
    borough: 'Manhattan',
    name: 'Caffe Reggio',
    restaurant_id: '40369418'
  },
  {
    borough: 'Manhattan',
    name: 'Regency Hotel',
    restaurant_id: '40382679'
  },
  {
    borough: 'Manhattan',
    name: 'Regency Whist Club',
    restaurant_id: '40402377'
  },
  {
    borough: 'Queens',
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({$or:[{"borough":"Staten Island"},{"borough":"Bronxo Brooklyn"},{"borough":"Queens"}]},{_id:0,restaurant_id:1,name:1,borough:1,cusine:1})
[
  {
    borough: 'Queens',
    name: 'Tov Kosher Kitchen',
    restaurant_id: '40356068'
  },
  {
    borough: 'Queens',
    name: 'Brunos On The Boulevard',
    restaurant_id: '40356151'
  },
  {
    borough: 'Staten Island',
    name: 'Kosher Island',
    restaurant_id: '40356442'
  },
  {
    borough: 'Queens',
    name: 'Carvel Ice Cream',
    restaurant_id: '40361322'
  },
  { borough: 'Queens', name: "Sal'S Deli", restaurant_id: '40361618' },
  {
    borough: 'Queens',
    name: "Steve Chu'S Deli & Grocery",
    restaurant_id: '40361998'
  },
  {
    borough: 'Queens',
    name: 'Ho Mei Restaurant',
    restaurant_id: '40362432'
  },
  {
    borough: 'Staten Island',
    name: 'Bagels N Buns',
    restaurant_id: '40363427'
  },
  { borough: 'Queens', name: "Tony'S Deli", restaurant_id: '40363333' },
  { borough: 'Queens', name: 'Hot Bagels', restaurant_id: '40363565' },
  {
    borough: 'Queens',
    name: 'Snack Time Grill',
    restaurant_id: '40363590'
  },
  {
    borough: 'Staten Island',
    name: 'Carvel Ice Cream',
    restaurant_id: '40363834'
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({borough:{$nin:["Staten Island","Bronxo", "Brooklyn","Queens"]}},{_id:0,restaurant_id:1,name:1,borough:1,cusine:1})
[
  {
    borough: 'Manhattan',
    name: 'Dj Reynolds Pub And Restaurant',
    restaurant_id: '30191841'
  },
  {
    borough: 'Bronx',
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  },
  { borough: 'Bronx', name: 'Wild Asia', restaurant_id: '40357217' },
  {
    borough: 'Manhattan',
    name: '1 East 66Th Street Kitchen',
    restaurant_id: '40359480'
  },
  {
    borough: 'Manhattan',
    name: 'Glorious Food',
    restaurant_id: '40361521'
  },
  {
    borough: 'Manhattan',
    name: "Bully'S Deli",
    restaurant_id: '40361708'
  },
  {
    borough: 'Manhattan',
    name: "Harriet'S Kitchen",
    restaurant_id: '40362098'
  },
  {
    borough: 'Manhattan',
    name: 'Angelika Film Center',
    restaurant_id: '40362274'
  },
  {
    borough: 'Manhattan',
    name: 'P & S Deli Grocery',
    restaurant_id: '40362264'
  },
  {
    borough: 'Manhattan',
    name: 'The Country Cafe',
    restaurant_id: '40362715'
  },
  {
    borough: 'Bronx',
```

```
  },
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({}, {_id:0, cuisine:1, borough:1}).sort({cuisine: 1, borough: -1})
[
  name: "Lorenzo & Maria'S",
  { borough: 'Manhattan', cuisine: 'Afghan' },
  { borough: 'Manhattan', cuisine: 'Afghan' },
  { borough: 'Manhattan', cuisine: 'Afghan' },taurant_id: '40363685' },
  { borough: 'Manhattan', cuisine: 'Afghan' },
  { borough: 'Queens', cuisine: 'African' },
  { borough: 'Brooklyn', cuisine: 'African' },
  { borough: 'Bronx', cuisine: 'African' },
  { borough: 'Bronx', cuisine: 'African' },
  { borough: 'Staten Island', cuisine: 'American ' },t_id: '40364296' }
  { borough: 'Staten Island', cuisine: 'American ' },
  { borough: 'Staten Island', cuisine: 'American ' },
  { borough: 'Staten Island', cuisine: 'American ' },
  { borough: 'Staten Island', cuisine: 'American ' },
  { borough: 'Staten Island', cuisine: 'American ' },
  { borough: 'Staten Island', cuisine: 'American ' },
  { borough: 'Staten Island', cuisine: 'American ' },
  { borough: 'Staten Island', cuisine: 'American ' },
  { borough: 'Staten Island', cuisine: 'American ' },
  { borough: 'Staten Island', cuisine: 'American ' },
  { borough: 'Staten Island', cuisine: 'American ' }
]
Type "it" for more
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({},{_id:0, name:1}).sort( {name: -1})
[
  { name: 'Zum Stammtisch' },
  { name: 'Zum Schneider' },
  { name: "Zorba'S" },
  { name: 'Zebu Grill' },
  { name: "Zaro'S Bread Basket" },
  { name: "Zaro'S Bread Basket" },
  { name: "Zaro'S Bread Basket" },
  { name: "Zaro'S Bread Basket" },
  { name: "Zaro'S Bread Basket" },
  { name: "Zaro'S Bakery" },
  { name: "Zaro'S Bakery" },
  { name: "Zafi'S Luncheonette" },
  { name: 'Yvonne Yvonne Restaurant' },
  { name: 'Yura & Company On Madison' },
  { name: 'Yummy Kitchen' },
  { name: 'Your Bakery' },
  { name: 'Yonah Shimmels Knishes' },
  { name: 'Yolanda Pizzeria Restaurant' },
  { name: "Yip'S" },
  { name: 'Yen Yen Restaurant' }
]
Type "it" for more
Atlas atlas-z7l76e-shard-0 [primary] restaurants>
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({"address.coord": {$type: "double"}}, {_id:0, address:1})
[
  {
    address: {
      building: '469',
      coord: [ -73.961704, 40.662942 ],
      street: 'Flatbush Avenue',
      zipcode: '11225'
    }
  },
  {
    address: {
      building: '97-22',
      coord: [ -73.8601152, 40.7311739 ],
      street: '63 Road',
      zipcode: '11374'
    }
  },
  {
    address: {
      building: '351',
      coord: [ -73.98513559999999, 40.7676919 ],
      street: 'West   57 Street',
      zipcode: '10019'
    }
  },
  {
    address: {
      building: '8825',
      coord: [ -73.8803827, 40.7643124 ],
      street: 'Astoria Boulevard',
      zipcode: '11369'
    }
  },
  {
    address: {
      building: '2206',
      coord: [ -74.1377286, 40.6119572 ],
      street: 'Victory Boulevard',
      zipcode: '10314'
    }
  },
  {
    address: {
      building: '2780',
      coord: [ -73.98241999999999, 40.579505 ],
      street: 'Stillwell Avenue',
      zipcode: '11224'
    }
```

```
Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({"grades": {$elemMatch: {"score": {$mod: [7,0]}}}},{_id:0, restaurant_id:1, name:1, grades:1})
[
  {
    grades: [
      {
        date: ISODate("2014-11-15T00:00:00.000Z"),
        grade: 'Z',
        score: 38
      },
      {
        date: ISODate("2014-05-02T00:00:00.000Z"),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate("2013-03-02T00:00:00.000Z"),
        grade: 'A',
        score: 7
      },
      {
        date: ISODate("2012-02-10T00:00:00.000Z"),
        grade: 'A',
        score: 13
      }
    ],
    name: 'Brunos On The Boulevard',
    restaurant_id: '40356151'
  },
  {
    grades: [
      {
        date: ISODate("2014-06-10T00:00:00.000Z"),
        grade: 'A',
        score: 5
      },
      {
        date: ISODate("2013-06-05T00:00:00.000Z"),
        grade: 'A',
        score: 7
      },
      {
        date: ISODate("2012-04-13T00:00:00.000Z"),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate("2011-10-12T00:00:00.000Z"),
        grade: 'A',
        score: 12
      }
```

```
mongosh mongodb+srv://cluster0.ab4an.mongodb.net/myFirstDatabase

Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({name: {$regex: /mon/}},{_id:0, name:1, borough:1, "address.coord":1, cuisine:1})
[
  {
    address: { coord: [ -73.98306099999999, 40.7441419 ] },
    borough: 'Manhattan',
    cuisine: 'American ',
    name: "Desmond'S Tavern"
  },
  {
    address: { coord: [ -73.8221418, 40.7272376 ] },
    borough: 'Queens',
    cuisine: 'Jewish/Kosher',
    name: 'Shimons Kosher Pizza'
  },
  {
    address: { coord: [ -74.10465599999999, 40.58834 ] },
    borough: 'Staten Island',
    cuisine: 'American ',
    name: 'Richmond County Country Club'
  },
  {
    address: { coord: [ -73.9812843, 40.5947365 ] },
    borough: 'Brooklyn',
    cuisine: 'Pizza/Italian',
    name: 'Lb Spumoni Gardens'
  },
  {
    address: { coord: [ -73.951199, 40.7166026 ] },
    borough: 'Brooklyn',
    cuisine: 'Italian',
    name: "Bamonte'S Restaurant"
  },
  {
    address: { coord: [ -73.924072, 40.76108900000001 ] },
    borough: 'Queens',
    cuisine: 'Greek',
    name: 'Omonia Cafe'
  },
  {
    address: { coord: [ -73.9901605, 40.7526176 ] },
    borough: 'Manhattan',
    cuisine: 'American ',
    name: "Delmonico'S Kitchen"
  },
  {
    address: { coord: [ -73.9707505, 40.7635651 ] },
    borough: 'Manhattan',
    cuisine: 'Delicatessen',
    name: 'Delmonico Gourmet'
  },

Atlas atlas-z7l76e-shard-0 [primary] restaurants> db.addresses.find({name: {$regex: /^Mad.*/}},{_id:0, name:1, borough:1, "address.coord":1, cuisine:1})
[
  {
    address: { coord: [ -73.9860597, 40.7431194 ] },
    borough: 'Manhattan',
    cuisine: 'American ',
    name: 'Madison Square'
  },
  {
    address: { coord: [ -73.98302199999999, 40.742313 ] },
    borough: 'Manhattan',
    cuisine: 'Indian',
    name: 'Madras Mahal'
  },
  {
    address: { coord: [ -74.000002, 40.72735 ] },
    borough: 'Manhattan',
    cuisine: 'American ',
    name: 'Madame X'
  },
  {
    address: { coord: [ -73.98171959999999, 40.7499406 ] },
    borough: 'Manhattan',
    cuisine: 'French',
    name: 'Madison Bistro'
  },
  {
    address: { coord: [ -73.9717845, 40.6897199 ] },
    borough: 'Brooklyn',
    cuisine: 'African',
    name: 'Madiba'
  },
  {
    address: { coord: [ -73.9040753, 40.9069011 ] },
    borough: 'Bronx',
    cuisine: 'Italian',
    name: "Madison'S"
  },
  {
    address: { coord: [ -73.9886598, 40.7565811 ] },
    borough: 'Manhattan',
    cuisine: 'Notdogs',
    name: "Madame Tussaud'S"
  },
  {
    address: { coord: [ -73.95623719999999, 40.7761697 ] },
    borough: 'Manhattan',
    cuisine: 'American ',
    name: 'Mad River Bar & Grille'
  },
```