

```
Connected to db.restaurants
Atlas atlas:k420n1-shard-0 [primary] restaurants> db.addresses.find();
{
  "_id": ObjectId("628785994e0c577bf45c150f"),
  "address": {
    "building": "3007",
    "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": "30075465"
},
{
  "_id": ObjectId("628785994e0c577bf45c1509"),
  "address": {
    "building": "669",
    "coord": [-73.961704, 40.662942],
    "street": "Flatbush Avenue",
    "zipcode": "11228"
  },
  "borough": "Brooklyn",
  "cuisine": "American (New)",
  "grades": [
    {
      "date": ISODate("2014-03-03T00:00:00.000Z"),
      "grade": "A",
      "score": 14
    },
    {
      "date": ISODate("2013-09-11T00:00:00.000Z"),
      "grade": "A",
      "score": 14
    },
    {
      "date": ISODate("2013-01-24T00:00:00.000Z"),
      "grade": "A",
      "score": 14
    },
    {
      "date": ISODate("2011-11-23T00:00:00.000Z"),
      "grade": "A",
      "score": 14
    },
    {
      "date": ISODate("2011-03-10T00:00:00.000Z"),
      "grade": "B",
      "score": 14
    }
  ],
  "name": "The Flatbush Diner",
  "restaurant_id": "6695465"
}
```

```
address: {  
    building: '400',  
    coord: [ -73.951784, 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: "Mandy's",  
restaurant_id: '30112340'  
}  
,  
{  
    _id: ObjectId("628785994ebc577bf45c1591"),  
    address: {  
        building: '351',  
        coord: [ -73.98513559999999, 48.7676919 ],  
        street: 'West 57 Street',  
        zipcode: '10019'  
    },  
    borough: 'Manhattan',  
    cuisine: 'Irish',  
    grades: [  
        {  
            date: ISODate("2014-09-06T00:00:00.000Z"),  
            grade: 'A',  
            score: 2  
        },  
        {  
            date: ISODate("2014-09-06T00:00:00.000Z"),  
            grade: 'A',  
            score: 2  
        }  
    ]  
}
```

```
score: 2
},
{
  date: ISODate("2013-07-22T00:00:00.000Z"),
  grade: 'A',
  score: 11
},
{
  date: ISODate("2012-07-31T00:00:00.000Z"),
  grade: 'A',
  score: 12
},
{
  date: ISODate("2011-12-29T00:00:00.000Z"),
  grade: 'A',
  score: 12
}
],
name: 'DJ Reynolds Pub And Restaurant',
restaurant_id: '30191841'
},
{
  _id: ObjectId("628705994e0c577bf45c1592"),
  address: {
    building: '2780',
    coord: [-73.98241899999999, 40.579595],
    street: 'Stillwell Avenue',
    zipcode: '11224'
  },
  borough: 'Brooklyn',
  cuisine: 'American',
  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
    }
  ]
}
```

```
    ],
    name: 'Tovana Catering',
    restaurant_id: '40356088'
},
{
  _id: ObjectId("628785994e0c577bf45c1593"),
  address: {
    building: '97-22',
    coord: [ -73.86801152, 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: '40356088'
},
{
  _id: ObjectId("628785994e0c577bf45c1594"),
  address: {
    building: '8825',
    coord: [ -73.8883827, 40.7643124 ],
    street: 'Astoria Boulevard',
    zipcode: '11369'
  },
  borough: 'Queens',
  cuisine: 'American'
```

```
        ],
        name: 'Yoniara Caterer',
        restaurant_id: '40356018'
    },
    {
        _id: ObjectId("62878594e0c577bf45c1593"),
        address: {
            building: '97-22',
            coord: [ -73.86801152, 40.7311739 ],
            street: '63 Road',
            zipcode: '11374'
        },
        borough: 'Queens',
        cuisine: 'Jewish/Kosher',
        grades: [
            {
                date: ISODate("2014-11-24T00:00:00.000Z"),
                grade: 'C',
                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("62878594e0c577bf45c1594"),
        address: {
            building: '8825',
            coord: [ -73.8803827, 40.7643124 ],
            street: 'Astoria Boulevard',
            zipcode: '11369'
        },
        borough: 'Queens',
        cuisine: 'American'
```

```
        zipcode: '11368',
      },
      borough: 'Queens',
      cuisine: 'American',
      grades: [
        {
          date: ISODate("2014-11-15T00:00:00.000Z"),
          grade: 'A',
          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: '4B356151'
    },
    {
      _id: ObjectId("62878599e0c577bf45c1595"),
      address: {
        building: '2205',
        coord: [-74.377286, 40.6119572],
        street: 'Victory Boulevard',
        zipcode: '10314'
      },
      borough: 'Staten Island',
      cuisine: 'Jewish/Kosher',
      grades: [
        {
          date: ISODate("2014-10-06T00:00:00.000Z"),
          grade: 'A',
          score: 9
        },
        {
          date: ISODate("2014-05-20T00:00:00.000Z"),
          grade: 'A',
          score: 12
        }
      ]
    }
  ]
}
```

```
cuisine: 'Jewish/Kosher',
grades: [
  {
    date: ISODate("2014-10-06T00:00:00.000Z"),
    grade: 'A',
    score: 9
  },
  {
    date: ISODate("2014-05-20T00:00:00.000Z"),
    grade: 'A',
    score: 12
  },
  {
    date: ISODate("2013-04-04T00:00:00.000Z"),
    grade: 'A',
    score: 12
  },
  {
    date: ISODate("2012-01-24T00:00:00.000Z"),
    grade: 'A',
    score: 9
  }
],
name: 'Kosher Island',
restaurant_id: '40356442',
{
  _id: ObjectId("62878594e0c577bf45c1596"),
  address: {
    building: '711A',
    coord: [ -73.9068506, 40.6199034 ],
    street: 'Avenue U',
    zipcode: '12234'
  },
  borough: 'Brooklyn',
  cuisine: 'Delicatessen',
  grades: [
    {
      date: ISODate("2014-05-29T00:00:00.000Z"),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate("2014-01-14T00:00:00.000Z"),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate("2013-08-03T00:00:00.000Z"),
      grade: 'A',
      score: 10
    }
  ]
}
```

```
        score: 9
    },
    name: "Milken's Fine Food",
    restaurant_id: "40356483"
},
{
    _id: ObjectId("628785994e0c577bf45c1597"),
    address: {
        building: '6409',
        coord: [ -74.00528899999999, 40.628886 ],
        street: '11 Avenue',
        zipcode: '11219'
    },
    borough: 'Brooklyn',
    cuisine: 'American',
    grades: [
        {
            date: ISODate("2014-07-18T00:00:00Z"),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate("2013-07-30T00:00:00Z"),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate("2013-02-13T00:00:00Z"),
            grade: 'A',
            score: 11
        },
        {
            date: ISODate("2012-08-16T00:00:00Z"),
            grade: 'A',
            score: 2
        },
        {
            date: ISODate("2011-08-17T00:00:00Z"),
            grade: 'A',
            score: 11
        }
    ],
    name: 'Regina Caterers',
    restaurant_id: "40356649"
},
{
    _id: ObjectId("628785994e0c577bf45c1598"),
    address: {
```

```
        score: 10
    },
    name: "Milliken's Fine Food",
    restaurant_id: '40356483'
},
{
    _id: ObjectId("628785994e0c577bf45c1597"),
    address: {
        building: '6400',
        coord: [ -74.00528899999999, 40.628886 ],
        street: '11 Avenue',
        zipcode: '11219'
    },
    borough: 'Brooklyn',
    cuisine: 'American',
    grades: [
        {
            date: ISODate("2014-07-18T00:00:00.000Z"),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate("2013-07-30T00:00:00.000Z"),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate("2013-02-13T00:00:00.000Z"),
            grade: 'A',
            score: 11
        },
        {
            date: ISODate("2012-06-16T00:00:00.000Z"),
            grade: 'A',
            score: 2
        },
        {
            date: ISODate("2011-08-17T00:00:00.000Z"),
            grade: 'A',
            score: 11
        }
    ],
    name: 'Regina Caterers',
    restaurant_id: '4035649'
},
{
    _id: ObjectId("628785994e0c577bf45c1598"),
    address: {
```

```
{
  "_id": ObjectId("628785994e0c577bf45c1599"),
  "address": {
    "building": "1839",
    "coord": [ -73.9482609, 40.6408271 ],
    "street": "Nostrand Avenue",
    "zipcode": "11226"
  },
  "borough": "Brooklyn",
  "cuisine": "Ice Cream, Gelato, Yogurt, Ices",
  "grades": [
    {
      "date": ISODate("2014-07-14T00:00:00.000Z"),
      "grade": "A",
      "score": 12
    },
    {
      "date": ISODate("2013-07-10T00:00:00.000Z"),
      "grade": "A",
      "score": 8
    },
    {
      "date": ISODate("2012-07-11T00:00:00.000Z"),
      "grade": "A",
      "score": 5
    },
    {
      "date": ISODate("2012-02-23T00:00:00.000Z"),
      "grade": "A",
      "score": 8
    }
  ],
  "name": "Taste The Tropics Ice Cream",
  "restaurant_id": "40336731"
},
{
  "_id": ObjectId("628785994e0c577bf45c1599"),
  "address": {
    "building": "1200",
    "coord": [ -73.0706113, 40.8502083 ],
    "street": "Southern Boulevard",
    "zipcode": "10460"
  },
  "borough": "Bronx",
  "cuisine": "American",
  "grades": [
    {
      "date": ISODate("2014-05-28T00:00:00.000Z"),
      "grade": "A",
      "score": 14
    }
  ]
}
```

```
        borough: 'Brooklyn',
        cuisine: 'Chinese',
        grades: [
          {
            date: ISODate("2014-09-16T00:00:00.000Z"),
            grade: 'B',
            score: 21
          },
          {
            date: ISODate("2013-08-28T00:00:00.000Z"),
            grade: 'A',
            score: 7
          },
          {
            date: ISODate("2013-04-02T00:00:00.000Z"),
            grade: 'C',
            score: 56
          },
          {
            date: ISODate("2012-08-15T00:00:00.000Z"),
            grade: 'B',
            score: 27
          },
          {
            date: ISODate("2012-03-28T00:00:00.000Z"),
            grade: 'B',
            score: 27
          }
        ],
        name: 'May May Kitchen',
        restaurant_id: '40358420'
      },
      {
        _id: ObjectId("628785994e0c577bf45c159c"),
        address: {
          building: '1',
          coord: [ -73.96926909999999, 40.7685235 ],
          street: 'East 60 Street',
          zipcode: '10065'
        },
        borough: 'Manhattan',
        cuisine: 'American',
        grades: [
          {
            date: ISODate("2014-05-07T00:00:00.000Z"),
            grade: 'A',
            score: 3
          }
        ]
      }
    ]
  }
}
```

```
        score: 9
    },
    {
        date: ISODate("2013-05-03T00:00:00.000Z"),
        grade: 'A',
        score: 4
    },
    {
        date: ISODate("2012-04-30T00:00:00.000Z"),
        grade: 'A',
        score: 6
    },
    {
        date: ISODate("2011-12-27T00:00:00.000Z"),
        grade: 'A',
        score: 8
    }
],
name: '1 East 66Th Street Kitchen',
restaurant_id: '40359480'
},
{
    _id: ObjectId("620785994e0c577bf45c159d"),
    address: {
        building: 'res',
        coord: [-73.9653967, 40.6864339],
        street: 'Kings Highway',
        zipcode: '11223'
    },
    borough: 'Brooklyn',
    cuisine: 'Jewish/Kosher',
    grades: [
        {
            date: ISODate("2014-11-10T00:00:00.000Z"),
            grade: 'A',
            score: 11
        },
        {
            date: ISODate("2013-10-10T00:00:00.000Z"),
            grade: 'A',
            score: 13
        },
        {
            date: ISODate("2012-10-04T00:00:00.000Z"),
            grade: 'A',
            score: 7
        },
        {
            date: ISODate("2012-05-21T00:00:00.000Z"),
            grade: 'A',
            score: 9
        }
    ]
}
```

```
_id: ObjectId("628785994e0c577bf45c1598"),
address: {
  building: '1830',
  coord: [ -73.9482609, 40.6408271 ],
  street: 'Nostrand Avenue',
  zipcode: '11226'
},
borough: 'Brooklyn',
cuisine: 'Ice Cream, Gelato, Yogurt, Ices',
grades: [
  {
    date: ISODate("2014-07-14T00:00:00.000Z"),
    grade: 'A',
    score: 12
  },
  {
    date: ISODate("2013-07-10T00:00:00.000Z"),
    grade: 'A',
    score: 8
  },
  {
    date: ISODate("2012-07-11T00:00:00.000Z"),
    grade: 'A',
    score: 5
  },
  {
    date: ISODate("2012-02-23T00:00:00.000Z"),
    grade: 'A',
    score: 8
  }
],
name: 'Taste The Tropics Ice Cream',
restaurant_id: '40350731'
},
{
_id: ObjectId("628785994e0c577bf45c1599"),
address: {
  building: '2300',
  coord: [ -73.0786113, 40.8502883 ],
  street: 'Southern Boulevard',
  zipcode: '10460'
},
borough: 'Bronx',
cuisine: 'American',
grades: [
  {
    date: ISODate("2014-05-28T00:00:00.000Z"),
    grade: 'A',
    score: 12
  }
]
```

```
building: 203,
        coord: [-73.97822040000001, 40.6435254 ],
        street: "Church Avenue",
        zipcode: "11218",
      },
      borough: "Brooklyn",
      cuisine: "Ice Cream, Gelato, Yogurt, Ices",
      grades: [
        {
          date: ISODate("2014-02-10T00:00:00.000Z"),
          grade: "A",
          score: 2
        },
        {
          date: ISODate("2013-01-02T00:00:00.000Z"),
          grade: "A",
          score: 13
        },
        {
          date: ISODate("2012-01-09T00:00:00.000Z"),
          grade: "A",
          score: 3
        },
        {
          date: ISODate("2011-11-07T00:00:00.000Z"),
          grade: "P",
          score: 12
        },
        {
          date: ISODate("2011-07-21T00:00:00.000Z"),
          grade: "A",
          score: 13
        }
      ],
      name: "Carvel Ice Cream",
      restaurant_id: "403660876",
    },
    {
      _id: ObjectId("628785994e0c577bf45c159f"),
      address: {
        building: "265-15",
        coord: [-73.7032601, 40.7386417 ],
        street: "Hillside Avenue",
        zipcode: "11004",
      },
      borough: "Queens",
      cuisine: "Ice Cream, Gelato, Yogurt, Ices",
      grades: [
        {

```

```
mongosh mongoDB+srv://<credentials>@cluster0.firebaseio.mongodb.net/myFirstDatabase
{
  "name": "Carvel Ice Cream",
  "restaurant_id": "40361322",
  "_id": ObjectId("628785994e0c577bf45c15a0"),
  "address": {
    "building": "6909",
    "coord": [-74.0259567, 48.6353674],
    "street": "3 Avenue",
    "zipcode": "11209"
  },
  "borough": "Brooklyn",
  "cuisine": "Delicatessen",
  "grades": [
    {
      "date": ISODate("2014-08-21T00:00:00.000Z"),
      "grade": "A",
      "score": 4
    },
    {
      "date": ISODate("2014-03-05T00:00:00.000Z"),
      "grade": "A",
      "score": 3
    },
    {
      "date": ISODate("2013-01-10T00:00:00.000Z"),
      "grade": "A",
      "score": 10
    }
  ],
  "name": "Nordic Delicacies",
  "restaurant_id": "40361399"
},
{
  "_id": ObjectId("628785994e0c577bf45c15a1"),
  "address": {
    "building": "522"
  }
}
```

```
    score: 13
  },
  {
    date: ISODate("2012-03-29T00:00:00.000Z"),
    grade: 'A',
    score: 11
  }
],
name: 'Glorious Food',
restaurant_id: '40361521'
},
{
  _id: ObjectId("628785994e0c577bf45c15e2"),
  address: {
    building: '284',
    coord: [-73.9829239, 40.6580753],
    street: 'Prospect Park West',
    zipcode: '11215'
  },
  borough: 'Brooklyn',
  cuisine: 'American',
  grades: [
    {
      date: ISODate("2014-11-19T00:00:00.000Z"),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate("2013-11-14T00:00:00.000Z"),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate("2012-12-05T00:00:00.000Z"),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate("2012-05-17T00:00:00.000Z"),
      grade: 'A',
      score: 11
    }
  ],
  name: 'The Movable Feast',
  restaurant_id: '40361606'
}
]
Type "it" for more
Atlas atlas-k429hl1-shard-0 [primary] restaurants>
```

```
... for more
class atlas-8425h1-shard-0 [primary] restaurants> db.addresses.find({}, {"restaurant_id": 1, "borough": 1, "location": 1})
{
  "_id": ObjectId("628785994e0c577bf45c158f"),
  "borough": "Bronx",
  "restaurant_id": "30075445"
},
{
  "_id": ObjectId("628785994e0c577bf45c1590"),
  "borough": "Brooklyn",
  "restaurant_id": "30112340"
},
{
  "_id": ObjectId("628785994e0c577bf45c1591"),
  "borough": "Manhattan",
  "restaurant_id": "30191841"
},
{
  "_id": ObjectId("628785994e0c577bf45c1592"),
  "borough": "Brooklyn",
  "restaurant_id": "40356018"
},
{
  "_id": ObjectId("628785994e0c577bf45c1593"),
  "borough": "Queens",
  "restaurant_id": "40356068"
},
{
  "_id": ObjectId("628785994e0c577bf45c1594"),
  "borough": "Queens",
  "restaurant_id": "40356151"
},
{
  "_id": ObjectId("628785994e0c577bf45c1595"),
  "borough": "Staten Island",
  "restaurant_id": "40356442"
},
{
  "_id": ObjectId("628785994e0c577bf45c1596"),
  "borough": "Brooklyn",
  "restaurant_id": "40356483"
},
{
  "_id": ObjectId("628785994e0c577bf45c1597"),
  "borough": "Brooklyn",
  "restaurant_id": "40356649"
},
{
  "_id": ObjectId("628785994e0c577bf45c1598"),
  "borough": "Brooklyn",
  "restaurant_id": "40356650"
},
{
  "_id": ObjectId("628785994e0c577bf45c1599"),
  "borough": "Brooklyn",
  "restaurant_id": "40356651"
},
{
  "_id": ObjectId("628785994e0c577bf45c159a"),
  "borough": "Brooklyn",
  "restaurant_id": "40356652"
},
{
  "_id": ObjectId("628785994e0c577bf45c159b"),
  "borough": "Brooklyn",
  "restaurant_id": "40356653"
},
{
  "_id": ObjectId("628785994e0c577bf45c159c"),
  "borough": "Brooklyn",
  "restaurant_id": "40356654"
},
{
  "_id": ObjectId("628785994e0c577bf45c159d"),
  "borough": "Brooklyn",
  "restaurant_id": "40356655"
},
{
  "_id": ObjectId("628785994e0c577bf45c159e"),
  "borough": "Brooklyn",
  "restaurant_id": "40356656"
},
{
  "_id": ObjectId("628785994e0c577bf45c159f"),
  "borough": "Brooklyn",
  "restaurant_id": "40356657"
},
{
  "_id": ObjectId("628785994e0c577bf45c159g"),
  "borough": "Brooklyn",
  "restaurant_id": "40356658"
},
{
  "_id": ObjectId("628785994e0c577bf45c159h"),
  "borough": "Brooklyn",
  "restaurant_id": "40356659"
},
{
  "_id": ObjectId("628785994e0c577bf45c159i"),
  "borough": "Brooklyn",
  "restaurant_id": "40356660"
},
{
  "_id": ObjectId("628785994e0c577bf45c159j"),
  "borough": "Brooklyn",
  "restaurant_id": "40356661"
},
{
  "_id": ObjectId("628785994e0c577bf45c159k"),
  "borough": "Brooklyn",
  "restaurant_id": "40356662"
},
{
  "_id": ObjectId("628785994e0c577bf45c159l"),
  "borough": "Brooklyn",
  "restaurant_id": "40356663"
},
{
  "_id": ObjectId("628785994e0c577bf45c159m"),
  "borough": "Brooklyn",
  "restaurant_id": "40356664"
},
{
  "_id": ObjectId("628785994e0c577bf45c159n"),
  "borough": "Brooklyn",
  "restaurant_id": "40356665"
},
{
  "_id": ObjectId("628785994e0c577bf45c159o"),
  "borough": "Brooklyn",
  "restaurant_id": "40356666"
},
{
  "_id": ObjectId("628785994e0c577bf45c159p"),
  "borough": "Brooklyn",
  "restaurant_id": "40356667"
},
{
  "_id": ObjectId("628785994e0c577bf45c159q"),
  "borough": "Brooklyn",
  "restaurant_id": "40356668"
},
{
  "_id": ObjectId("628785994e0c577bf45c159r"),
  "borough": "Brooklyn",
  "restaurant_id": "40356669"
},
{
  "_id": ObjectId("628785994e0c577bf45c159s"),
  "borough": "Brooklyn",
  "restaurant_id": "40356670"
},
{
  "_id": ObjectId("628785994e0c577bf45c159t"),
  "borough": "Brooklyn",
  "restaurant_id": "40356671"
},
{
  "_id": ObjectId("628785994e0c577bf45c159u"),
  "borough": "Brooklyn",
  "restaurant_id": "40356672"
},
{
  "_id": ObjectId("628785994e0c577bf45c159v"),
  "borough": "Brooklyn",
  "restaurant_id": "40356673"
},
{
  "_id": ObjectId("628785994e0c577bf45c159w"),
  "borough": "Brooklyn",
  "restaurant_id": "40356674"
},
{
  "_id": ObjectId("628785994e0c577bf45c159x"),
  "borough": "Brooklyn",
  "restaurant_id": "40356675"
},
{
  "_id": ObjectId("628785994e0c577bf45c159y"),
  "borough": "Brooklyn",
  "restaurant_id": "40356676"
},
{
  "_id": ObjectId("628785994e0c577bf45c159z"),
  "borough": "Brooklyn",
  "restaurant_id": "40356677"
}
]

```

```
use "it" for more
atlas atlas-k429hl-shard-0 [primary] restaurants> db.addresses.find({}, {"restaurant_id":1, "name":1, "borough":1, "cuisine":1, "_id":0});
{
  borough: 'Bronx',
  cuisine: 'Bakery',
  name: 'Morris Park Bake Shop',
  restaurant_id: '30075445'
},
{
  borough: 'Brooklyn',
  cuisine: 'Hamburgers',
  name: 'Hendy's',
  restaurant_id: '30112348'
},
{
  borough: 'Manhattan',
  cuisine: 'Irish',
  name: 'Dj Reynolds Pub And Restaurant',
  restaurant_id: '30191841'
},
{
  borough: 'Brooklyn',
  cuisine: 'American',
  name: 'Riviera Caterer',
  restaurant_id: '40356010'
},
{
  borough: 'Queens',
  cuisine: 'Jewish/Kosher',
  name: 'Tov Kosher Kitchen',
  restaurant_id: '40356008'
},
{
  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: 'Delicatessen',
  name: 'Wilken's Fine Food',
  restaurant_id: '40356443'
}
```

```
[  
  {  
    borough: 'Brooklyn',  
    cuisine: 'Ice Cream, Gelato, Yogurt, Ices',  
    name: 'Taste The Tropics Ice Cream',  
    restaurant_id: '40356731'  
  },  
  {  
    borough: 'Bronx',  
    cuisine: 'American',  
    name: 'Wild Asia',  
    restaurant_id: '40357217'  
  },  
  {  
    borough: 'Brooklyn',  
    cuisine: 'American',  
    name: 'C & C Catering Service',  
    restaurant_id: '40357437'  
  },  
  {  
    borough: 'Brooklyn',  
    cuisine: 'Chinese',  
    name: 'May May Kitchen',  
    restaurant_id: '40358429'  
  },  
  {  
    borough: 'Manhattan',  
    cuisine: 'American',  
    name: '1 East 66th Street Kitchen',  
    restaurant_id: '40359480'  
  },  
  {  
    borough: 'Brooklyn',  
    cuisine: 'Jewish/Kosher',  
    name: 'Seuda Foods',  
    restaurant_id: '40360045'  
  },  
  {  
    borough: 'Brooklyn',  
    cuisine: 'Ice Cream, Gelato, Yogurt, Ices',  
    name: 'Carvel Ice Cream',  
    restaurant_id: '40360076'  
  },  
  {  
    borough: 'Queens',  
    cuisine: 'Ice Cream, Gelato, Yogurt, Ices',  
    name: 'Carvel Ice Cream',  
    restaurant_id: '40361322'  
},
```

```
mongosh mongodt+src://czedentials:@cluster0.azwvc.mongodb.net/mgt002Database
type "it" for more
#has alias k429h1-shard-0 [primary] restaurants> db.addresses.find({},{"restaurant_id":1,"name":1,"borough":1,"address.zipcode":1,"_id":0});
[
  {
    address: { zipcode: '10462' },
    borough: 'Bronx',
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  },
  {
    address: { zipcode: '11225' },
    borough: 'Brooklyn',
    name: 'Brendy's',
    restaurant_id: '30112340'
  },
  {
    address: { zipcode: '10019' },
    borough: 'Manhattan',
    name: 'Dj Reynolds Pub And Restaurant',
    restaurant_id: '30191841'
  },
  {
    address: { zipcode: '11224' },
    borough: 'Brooklyn',
    name: 'Riviera Caterer',
    restaurant_id: '40356018'
  },
  {
    address: { zipcode: '11374' },
    borough: 'Queens',
    name: 'Tov Kosher Kitchen',
    restaurant_id: '40356008'
  },
  {
    address: { zipcode: '11369' },
    borough: 'Queens',
    name: 'Brunos On The Boulevard',
    restaurant_id: '40356151'
  },
  {
    address: { zipcode: '10314' },
    borough: 'Staten Island',
    name: 'Kosher Island',
    restaurant_id: '40356442'
  },
  {
    address: { zipcode: '11234' },
    borough: 'Brooklyn',
    name: 'Wilken's Fine Food',
    restaurant_id: '30112340'
  }
]
```

```
[{"_id": ObjectId("628785994e0c577bf45c150f"),  
 address: {  
   building: '1007',  
   coord: [ -73.856077, 40.848447 ],  
   street: 'Morris Park Ave',  
   zipcode: '18462' },  
 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: '30875445' },  
 {"_id": ObjectId("628785994e0c577bf45c1599"),  
 address: {  
   building: '2300',  
   coord: [ -73.8786113, 40.8502883 ],  
   street: 'Southern Boulevard'
```

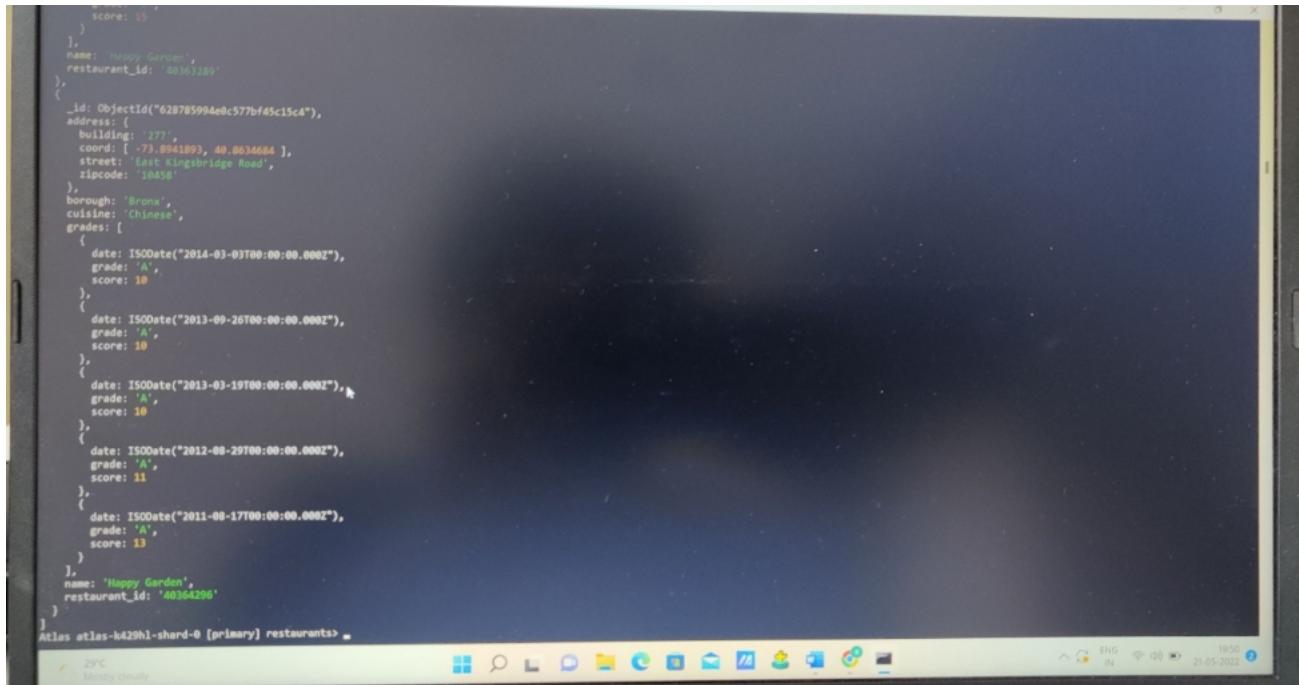
```
        score: 2
      },
      {
        date: ISODate("2011-06-08T00:00:00.000Z"),
        grade: 'A',
        score: 0
      }
    ],
    name: 'Beaver Pond',
    restaurant_id: '40368802'
  },
  {
    id: ObjectId("628785994e0c577bf45c166a"),
    address: {
      building: '2300',
      coord: [ -73.8786113, 40.8502883 ],
      street: 'Southern Boulevard',
      zipcode: '10460'
    },
    borough: 'Bronx',
    cuisine: 'American',
    grades: [
      {
        date: ISODate("2014-05-21T00:00:00.000Z"),
        grade: 'A',
        score: 5
      },
      {
        date: ISODate("2013-05-28T00:00:00.000Z"),
        grade: 'A',
        score: 3
      },
      {
        date: ISODate("2012-06-18T00:00:00.000Z"),
        grade: 'A',
        score: 4
      },
      {
        date: ISODate("2011-06-07T00:00:00.000Z"),
        grade: 'A',
        score: 9
      }
    ],
    name: 'African Market (Baboon Cafe)',
    restaurant_id: '40368826'
  }
]

```

Type "it" for more
atlas:atlus-kd79h1-shard-0 [primary] restaurants> db.addresses.find({}, {"restaurant_id":1, "name":1, "borough":1, "cuisine":1, "_id":0});

```
{ _id: ObjectId("628785994e0c57bf45c150f"),
  address: {
    building: '1807',
    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("628785994e0c57bf45c1509"),
  address: {
    building: '2300',
    coord: [ -73.8706113, 40.8502883 ],
    street: 'Southern Boulevard',
    zipcode: '10463'
  },
  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: 'Southern Baked Goods',
  restaurant_id: '30075446'
}
```

```
        score: 15
    },
    ],
    name: 'Happy Garden',
    restaurant_id: '40363289'
},
{
    _id: ObjectId("620705994e0c577bf45c15c4"),
    address: {
        building: '777',
        coord: [-73.8941893, 40.8634684],
        street: 'East Kingsbridge Road',
        zipcode: '10458'
    },
    borough: 'Bronx',
    cuisine: 'Chinese',
    grades: [
        {
            date: ISODate("2014-03-03T00:00:00.000Z"),
            grade: 'A',
            score: 10
        },
        {
            date: ISODate("2013-09-26T00:00:00.000Z"),
            grade: 'A',
            score: 10
        },
        {
            date: ISODate("2013-03-19T00:00:00.000Z"),
            grade: 'A',
            score: 10
        },
        {
            date: ISODate("2012-08-29T00:00:00.000Z"),
            grade: 'A',
            score: 11
        },
        {
            date: ISODate("2011-08-17T00:00:00.000Z"),
            grade: 'A',
            score: 13
        }
    ],
    name: 'Happy Garden',
    restaurant_id: '40364296'
}
]
Atlas:atlas-k429h1-shard-0 [primary] restaurants> =
```



```
mongosh mongodbs-mvc-0:27017@cluster0:27017/mvcDatabase
]
}
atlas atlas-k429h1-shard-0 [primary] restaurants> db.addresses.find({"borough": "Bronx"}).skip(0).limit(5);
[
  {
    "_id": ObjectId("628785994e0c577bf45c15cc"),
    "address": {
      "building": "658",
      "coord": [-73.81539999999999, 40.829411000000001],
      "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("628785994e0c577bf45c15e4"),
    "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
      }
    ]
  }
]
```

```
    },
    name: 'Mouyra's Pub',
    restaurant_id: '40365093'
},
{
  _id: ObjectId("628785994e0c577bf45c1628"),
  address: {
    building: '5820',
    coord: [ -73.9002615, 40.885186 ],
    street: 'Broadway',
    zipcode: '10463'
  },
  borough: 'Bronx',
  cuisine: 'American',
  grades: [
    {
      date: ISODate("2014-02-26T00:00:00.000Z"),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate("2013-10-09T00:00:00.000Z"),
      grade: 'B',
      score: 19
    },
    {
      date: ISODate("2013-05-15T00:00:00.000Z"),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate("2012-11-20T00:00:00.000Z"),
      grade: 'B',
      score: 18
    },
    {
      date: ISODate("2011-10-17T00:00:00.000Z"),
      grade: 'A',
      score: 18
    },
    {
      date: ISODate("2011-05-22T00:00:00.000Z"),
      grade: 'C',
      score: 35
    }
  ],
  name: 'The Punch Bowl',
  restaurant_id: '40366497'
}
```

```
[{"_id": ObjectId("628785994e0c577bf45c16ed"), "address": {"building": "65", "coord": [-73.9702725, 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": "The Spotted Pig", "rating": 10, "review": "Great food, great atmosphere, great service.", "votes": 100}], [{}], [{"text": "MongoServerError: unknown operator: $elemMatch"}], [{"text": "ReferenceError: addresses is not defined"}]
```

```
        score: 42
    ],
    name: 'Gondola',
    restaurant_id: '40381205'
},
{
    _id: ObjectId("628785994e0c577bf45c18f1"),
    address: {
        building: '130',
        coord: [ -73.984758, 40.745793 ],
        street: 'Madison Avenue',
        zipcode: '10016'
    },
    borough: 'Manhattan',
    cuisine: 'Pizza/Italian',
    grades: [
        {
            date: ISODate("2014-12-24T00:00:00.000Z"),
            grade: 'D',
            score: 31
        },
        {
            date: ISODate("2014-06-17T00:00:00.000Z"),
            grade: 'C',
            score: 98
        },
        {
            date: ISODate("2013-12-12T00:00:00.000Z"),
            grade: 'C',
            score: 32
        },
        {
            date: ISODate("2013-05-22T00:00:00.000Z"),
            grade: 'B',
            score: 23
        },
        {
            date: ISODate("2012-05-02T00:00:00.000Z"),
            grade: 'A',
            score: 11
        }
    ],
    name: 'Bella Napoli',
    restaurant_id: '40393400'
}
]
Atlas atlas-k429h1-shard-0 [primary] restaurants> =
```

```
atlas atlas-k429h1-shard-0 [primary] restaurants> db.addresses.find({grades:{$elemMatch>{"score":{$gt:80,$lt:100}}});  
[  
{"  
_id: ObjectId("628785994e0c577bf45c170e"),  
address: {  
building: '345',  
coord: [-73.9864626, 40.7266739],  
street: 'East 6 Street',  
zipcode: '10003'  
},  
borough: 'Manhattan',  
cuisine: 'Indian',  
grades: [  
{  
date: ISODate("2014-09-15T00:00:00.000Z"),  
grade: 'A',  
score: 5  
},  
{  
date: ISODate("2014-01-14T00:00:00.000Z"),  
grade: 'A',  
score: 8  
},  
{  
date: ISODate("2013-05-30T00:00:00.000Z"),  
grade: 'A',  
score: 12  
},  
{  
date: ISODate("2013-04-24T00:00:00.000Z"),  
grade: 'P',  
score: 2  
},  
{  
date: ISODate("2012-10-01T00:00:00.000Z"),  
grade: 'K',  
score: 9  
},  
{  
date: ISODate("2012-04-06T00:00:00.000Z"),  
grade: 'C',  
score: 92  
},  
{  
date: ISODate("2011-11-03T00:00:00.000Z"),  
grade: 'C',  
score: 41  
}]
```

```
        grade: 'B',
        score: 22
    },
    {
        date: ISODate("2013-05-22T00:00:00.000Z"),
        grade: 'B',
        score: 23
    },
    {
        date: ISODate("2012-05-02T00:00:00.000Z"),
        grade: 'A',
        score: 11
    }
],
name: 'Della Napoli',
restaurant_id: '40393488'
},
{
_id: ObjectId("6287859a4e0c577bf45c215d"),
address: {
    building: '',
    coord: [-74.016379, 40.7167671 ],
    street: 'Hudson River',
    zipcode: '10028'
},
borough: 'Manhattan',
cuisine: 'American',
grades: [
    {
        date: ISODate("2014-06-27T00:00:00.000Z"),
        grade: 'C',
        score: 69
    },
    {
        date: ISODate("2013-06-05T00:00:00.000Z"),
        grade: 'A',
        score: 6
    },
    {
        date: ISODate("2012-06-19T00:00:00.000Z"),
        grade: 'A',
        score: 13
    }
],
name: 'West 207th Street Boat Basin Cafe',
restaurant_id: '40796344'
}
]

```

```
Atlas atlas-k429h1-shard-0 [primary] restaurants> db.addresses.find({"address.coord":{$lt:-95.754160}});  
MongoServerError: unknown operator: $lt  
Atlas atlas-k429h1-shard-0 [primary] restaurants> db.addresses.find({"address.coord":{$lt:-95.754160}});  
[  
 {  
   id: ObjectId("6287859a4e0c577bf65c1bd7"),  
   address: {  
     building: '3707',  
     coord: [ -95.754160, 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: '6287859a4e0c577bf65c1bd7'  
 }  
]
```

```
mongosh mongodbs://<credentials>/shard0.Qawec.mongodb.net/myFirstDatabase
{
  name: "Casanino's",
  restaurant_id: '40668681'
},
{
  _id: ObjectId("6287859a4e0c577bf45c23e0"),
  address: {
    building: '68',
    coord: [ -111.9975205, 42.0970258 ],
    street: 'West Side Highway',
    zipcode: '10005'
  },
  borough: 'Manhattan',
  cuisine: 'Japanese',
  grades: [
    {
      date: ISODate("2014-03-20T00:00:00.000Z"),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate("2013-06-28T00:00:00.000Z"),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate("2012-07-05T00:00:00.000Z"),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate("2011-07-27T00:00:00.000Z"),
      grade: 'A',
      score: 2
    }
  ],
  name: "Sports Center At Chelsea Piers (Sushi Bar)",
  restaurant_id: '40882356'
}
... loaded shard0 [primary] restaurants>
```

```
atlas atlas-k429h1-shard-0 [primary] restaurants> db.addresses.find(
... { $and:
...   [
...     {"cuisine": {"$ne": "American"}},
...     {"grades.score": {"$gt": 70}},
...     {"address.coord": {"$lt": -65.754168}}
...   ]
... });
{
  "_id": ObjectId("628785994e0c577bf45c10ed"),
  "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": 'B',
      "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
    }
  ]
}
```

```
},
{
  _id: ObjectId("6287855994e0c577bf45c178e"),
  address: {
    building: '345',
    coord: [ -79.0054626, 40.7266739 ],
    street: 'East 6 Street',
    zipcode: '10003'
  },
  borough: 'Manhattan',
  cuisine: 'Indian',
  grades: [
    {
      date: ISODate("2014-09-15T00:00:00.000Z"),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate("2014-01-14T00:00:00.000Z"),
      grade: 'A',
      score: 8
    },
    {
      date: ISODate("2013-05-30T00:00:00.000Z"),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate("2013-04-24T00:00:00.000Z"),
      grade: 'P',
      score: 2
    },
    {
      date: ISODate("2012-10-01T00:00:00.000Z"),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate("2012-04-06T00:00:00.000Z"),
      grade: 'C',
      score: 92
    },
    {
      date: ISODate("2011-11-03T00:00:00.000Z"),
      grade: 'C',
      score: 41
    }
  ],
  name: 'Gandhi',
```

```
},
{
  date: ISODate("2013-12-21T00:00:00.000Z"),
  grade: 'A',
  score: 13
},
{
  date: ISODate("2013-05-17T00:00:00.000Z"),
  grade: 'A',
  score: 76
},
{
  date: ISODate("2012-04-20T00:00:00.000Z"),
  grade: 'A',
  score: 12
},
],
name: 'Two Boots Grand Central',
restaurant_id: '40725591'
},
{
  _id: ObjectId("6287859aade0c577bf45c215d"),
  address: {
    building: '',
    coord: [ -74.0161793, 40.7167671 ],
    street: 'Hudson River',
    zipcode: '10282'
  },
  borough: 'Manhattan',
  cuisine: 'American',
  grades: [
    {
      date: ISODate("2014-06-27T00:00:00.000Z"),
      grade: 'C',
      score: 89
    },
    {
      date: ISODate("2013-06-06T00:00:00.000Z"),
      grade: 'A',
      score: 6
    },
    {
      date: ISODate("2012-06-19T00:00:00.000Z"),
      grade: 'A',
      score: 13
    }
  ],
  name: 'West 29th Street Boat Basin Cafe',
  restaurant_id: '40756344'
```

```
atlas:atlas-kd20h1:shard-0 [primary] restaurants> db.addresses.find({  
...     "address": {  
...         "building": "345"  
...     }  
...     "address.coord": {  
...         "$lt": -65.754160  
...     }  
... })  
  
{  
    "_id": ObjectId("628785994e0c577bf45c178e"),  
    "address": {  
        "building": "345",  
        "coord": [-73.9864636, 40.7266739],  
        "street": "East 6 Street",  
        "zipcode": "10003"  
    },  
    "borough": "Manhattan",  
    "cuisine": "Indian",  
    "grades": [  
        {  
            "date": ISODate("2014-09-15T00:00:00.000Z"),  
            "grade": "A",  
            "score": 5  
        },  
        {  
            "date": ISODate("2014-01-14T00:00:00.000Z"),  
            "grade": "A",  
            "score": 8  
        },  
        {  
            "date": ISODate("2013-05-30T00:00:00.000Z"),  
            "grade": "A",  
            "score": 12  
        },  
        {  
            "date": ISODate("2013-04-24T00:00:00.000Z"),  
            "grade": "P",  
            "score": 2  
        },  
        {  
            "date": ISODate("2012-10-01T00:00:00.000Z"),  
            "grade": "A",  
            "score": 9  
        },  
        {  
            "date": ISODate("2012-04-06T00:00:00.000Z"),  
            "grade": "A",  
            "score": 9  
        }  
    ]  
}
```

```
[{"date": ISODate("2011-05-03T00:00:00.000Z"),
 "grade": "A",
 "score": 77
},
{
  "name": "Fortunato Bros Cafe & Bakery",
  "restaurant_id": "40400061"
},
{
  "_id": ObjectId("6287859a4e0c577bf45c2076"),
  "address": {
    "building": "231",
    "coord": [ -73.9772294, 40.7527262 ],
    "street": "Grand Central Station",
    "zipcode": "10017"
  },
  "borough": "Manhattan",
  "cuisine": "Italian",
  "grades": [
    {
      "date": ISODate("2015-01-07T00:00:00.000Z"),
      "grade": "A",
      "score": 28
    },
    {
      "date": ISODate("2014-07-03T00:00:00.000Z"),
      "grade": "B",
      "score": 14
    },
    {
      "date": ISODate("2013-12-21T00:00:00.000Z"),
      "grade": "A",
      "score": 13
    },
    {
      "date": ISODate("2013-05-17T00:00:00.000Z"),
      "grade": "C",
      "score": 76
    },
    {
      "date": ISODate("2012-04-20T00:00:00.000Z"),
      "grade": "A",
      "score": 12
    }
  ],
  "name": "Two Boots Grand Central",
  "restaurant_id": "40725591"
}]
```

```
atlas:atlas-xd09l shard-0 [primary] restaurants> db.addresses.find({  
...   ...  
...   {$or: [{name: "American"},  
...     {"cuisine": "French"},  
...     {"borough": "{$in: ["Brooklyn"]}  
...   }  
... }).sort({cuisine:-1});  
[  
  {  
    _id: ObjectId("62078594e0c577bf45c1c9b"),  
    address: {  
      building: '89',  
      coord: [ -73.9995099, 40.7168015 ],  
      street: 'Baxter Street',  
      zipcode: '10013'  
    },  
    borough: 'Manhattan',  
    cuisine: 'Vietnamese/Cambodian/Malaysian',  
    grades: [  
      {  
        date: ISODate("2014-08-21T00:00:00.000Z"),  
        grade: 'A',  
        score: 13  
      },  
      {  
        date: ISODate("2013-08-31T00:00:00.000Z"),  
        grade: 'A',  
        score: 13  
      },  
      {  
        date: ISODate("2013-04-11T00:00:00.000Z"),  
        grade: 'C',  
        score: 3  
      },  
      {  
        date: ISODate("2012-10-17T00:00:00.000Z"),  
        grade: 'A',  
        score: 4  
      },  
      {  
        date: ISODate("2012-05-15T00:00:00.000Z"),  
        grade: 'A',  
        score: 10  
      }  
    ],  
    name: 'Thai Son',  
    restaurant_id: '48559686'  
  }  
]
```

29°C ENG IN 20:55 21-05-2022

```
        },
        {
            date: ISODate("2012-02-17T00:00:00.000Z"),
            grade: 'B',
            score: 6
        }
    ],
    name: 'Pongsri Thai Restaurant',
    restaurant_id: '40374088'
},
{
    _id: ObjectId("628785994e0c577bf45c18d6"),
    address: {
        building: '396',
        coord: [ -73.9809909, 40.7422324 ],
        street: 'Third Avenue',
        zipcode: '10016'
    },
    borough: 'Manhattan',
    cuisine: 'Thai',
    grades: [
        {
            date: ISODate("2014-10-30T00:00:00.000Z"),
            grade: 'A',
            score: 13
        },
        {
            date: ISODate("2014-06-04T00:00:00.000Z"),
            grade: 'A',
            score: 7
        },
        {
            date: ISODate("2013-03-08T00:00:00.000Z"),
            grade: 'A',
            score: 13
        },
        {
            date: ISODate("2012-10-01T00:00:00.000Z"),
            grade: 'A',
            score: 9
        }
    ],
    name: 'Jaiya Thai Oriental Restaurant',
    restaurant_id: '40392724'
}
]
Type "it" for more
#atlas atlas-k429hl-shard-0 [primary] restaurants>
```

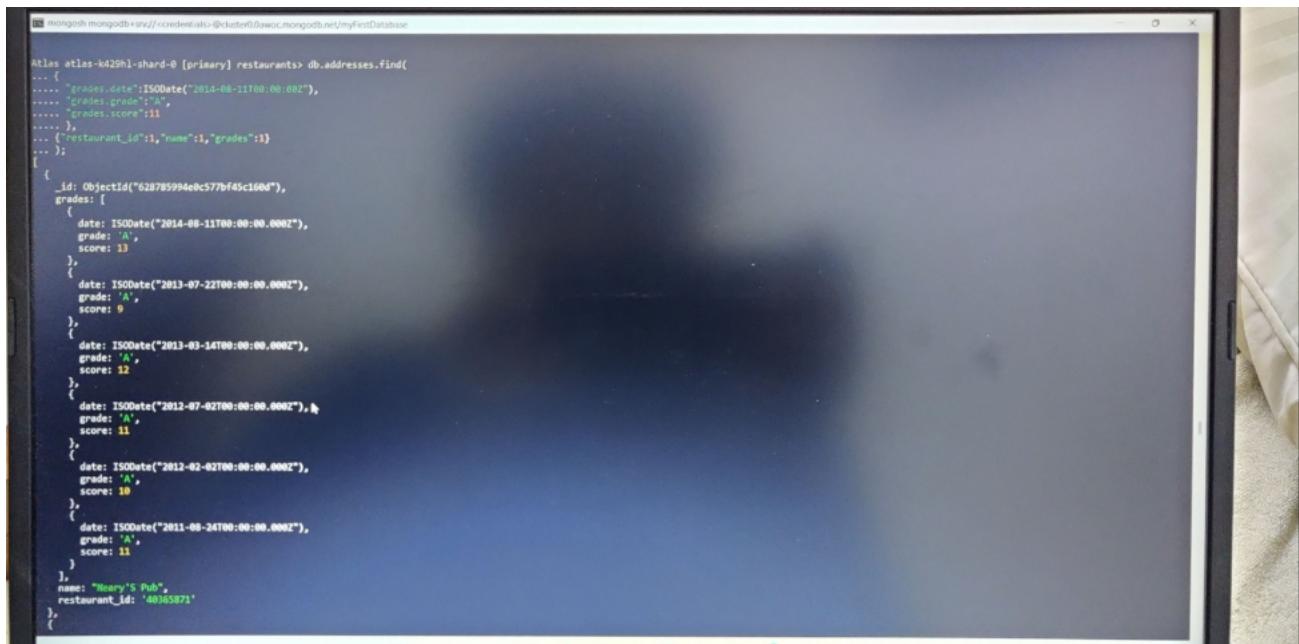
```
atlas:atlas-k429h1-shard-0 [primary] restaurants> db.addresses.find(
... { "borough":{$in:["Staten Island","Queens","Bronx","Brooklyn"]}},
... {
...   "restaurant_id":1,
...   "name":1,"borough":1,
...   "cuisine":1
... }
... );
{
  "_id": ObjectId("628785994e0c577bf45c158f"),
  "borough": "Bronx",
  "cuisine": "Bakery",
  "name": "Morris Park Bake Shop"
},
{
  "_id": ObjectId("628785994e0c577bf45c1593"),
  "borough": "Queens",
  "cuisine": "Jewish/Kosher",
  "name": "Tov Kosher Kitchen"
},
{
  "_id": ObjectId("628785994e0c577bf45c1594"),
  "borough": "Queens",
  "cuisine": "American",
  "name": "Brunos On The Boulevard"
},
{
  "_id": ObjectId("628785994e0c577bf45c1595"),
  "borough": "Staten Island",
  "cuisine": "Jewish/Kosher",
  "name": "Kosher Island"
},
{
  "_id": ObjectId("628785994e0c577bf45c1599"),
  "borough": "Bronx",
  "cuisine": "American",
  "name": "Mild Asia"
},
{
  "_id": ObjectId("628785994e0c577bf45c159f"),
  "borough": "Queens",
  "cuisine": "Ice Cream, Gelato, Yogurt, Ices",
  "name": "Carvel Ice Cream"
},
{
  "_id": ObjectId("628785994e0c577bf45c15ea"),
  "borough": "Queens"
}
```

```
Type "it" for more
Atlas atlas-k429h1-shard-0 [primary] restaurants> db.addresses.find(
... { "borough":{$in:["Staten Island","Queens","Bronx","Brooklyn"]}},
... {
.... "restaurant_id":1,
.... "name":1, "borough":1,
.... "cuisine":1
.... }
... );
{
  {
    _id: ObjectId("628785994e0c577bf45c1590"),
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    name: 'Murdy's'
  },
  {
    _id: ObjectId("628785994e0c577bf45c1591"),
    borough: 'Manhattan',
    cuisine: 'Irish',
    name: 'Oj Reynolds Pub And Restaurant'
  },
  {
    _id: ObjectId("628785994e0c577bf45c1592"),
    borough: 'Brooklyn',
    cuisine: 'American',
    name: 'Riviera Caterer'
  },
  {
    _id: ObjectId("628785994e0c577bf45c1596"),
    borough: 'Brooklyn',
    cuisine: 'Delicatessen',
    name: 'Wilken's Fine Food'
  },
  {
    _id: ObjectId("628785994e0c577bf45c1597"),
    borough: 'Brooklyn',
    cuisine: 'American',
    name: 'Regina Caterers'
  },
  {
    _id: ObjectId("628785994e0c577bf45c1598"),
    borough: 'Brooklyn',
    cuisine: 'Ice Cream, Gelato, Yogurt, Ices',
    name: 'Taste The Tropics Ice Cream'
  },
  {
    _id: ObjectId("628785994e0c577bf45c159a"),
    borough: 'Brooklyn',
    cuisine: 'American',
    name: 'The Kitchenette'
  }
}
```

```
mongosh mongoDB+srv://root:password@cluster0.0awoc.mongodb.net/myFirstDatabase
Atlas atlas-k429hl-shard-0 [primary] restaurants> db.addresses.find(
... {
...   "address.coord": { $gt: 42, $lte: 52 }
... },
... {"restaurant_id":1, "name":1, "address":1, "coord":1}
... );
[
{
  _id: ObjectId("628785994e0c577bf45c1831"),
  address: {
    building: '4',
    coord: [ -78.877224, 42.89546199999999 ],
    street: 'Broadway @ Trinity Pl',
    zipcode: '10006'
  },
  name: "T.G.I. Friday's",
  restaurant_id: '40387998'
},
{
  _id: ObjectId("628785994e0c577bf45c185d"),
  address: {
    building: '1',
    coord: [ -78.711997, 51.6514664 ],
    street: 'Pennplaza E, Penn Sta',
    zipcode: '10001'
  },
  name: "T.G.I. Friday's",
  restaurant_id: '40388036'
},
{
  _id: ObjectId("628785994e0c577bf45c1ab6"),
  address: {
    building: '3000',
    coord: [ -78.85676999999999, 42.61549280000001 ],
    street: '47 Avenue',
    zipcode: '11101'
  },
  name: "Di Luvio's Deli",
  restaurant_id: '40402284'
},
{
  _id: ObjectId("628785994e0c577bf45c1ce9"),
  address: {
    building: '21072199',
    coord: [ -78.589606, 42.8912372 ],
    street: 'Broadway',
    zipcode: '10024'
  },
}
```

```
[  
Type "it" for more  
Atlas atlas-k429h1-shard-0 [primary] restaurants> db.addresses.find(  
... {  
...   ("grades.score":  
...     {$not:  
...       {$gt:10}  
...     }  
...   },  
... {  
...   "restaurant_id":1,  
...   "name":1,"borough":1,  
...   "cuisine":1  
... }  
... );  
[  
{  
  _id: ObjectId("628785994e0c577bf45c159a"),  
  borough: 'Brooklyn',  
  cuisine: 'American',  
  name: 'C & C Catering Service',  
  restaurant_id: '40357437'  
},  
{  
  _id: ObjectId("628785994e0c577bf45c159c"),  
  borough: 'Manhattan',  
  cuisine: 'American',  
  name: '1 East 65th Street Kitchen',  
  restaurant_id: '40359480'  
},  
{  
  _id: ObjectId("628785994e0c577bf45c15a0"),  
  borough: 'Brooklyn',  
  cuisine: 'Delicatessen',  
  name: 'Nordic Delicacies',  
  restaurant_id: '40361300'  
},  
{  
  _id: ObjectId("628785994e0c577bf45c15a9"),  
  borough: 'Brooklyn',  
  cuisine: 'Nordic',  
  name: 'White Castle',  
  restaurant_id: '40362366'  
},  
{  
  _id: ObjectId("628785994e0c577bf45c15bc"),  
  borough: 'Brooklyn',  
  cuisine: 'American',  
  name: 'Sonny's Barbecue'  
}
```

```
mongosh mongos:27017/yelpdb -u dbAdmin -p mypassword -d yelpDatabase
Atlas atlas-k429h1-shard-0 [primary] restaurants>
Atlas atlas-k429h1-shard-0 [primary] restaurants> db.addresses.find(
... { $or:[
... { name:{ $eq:null}},
... { "cuisine":{ $in:[ "American", "Chinese"]}},
... { "cuisine":{ $not:{ $in:[ "American", "Chinese"]}}}
... ]},
... { "restaurant_id":1, "name":1, "borough":1, "cuisine":1}
...
{
  "_id": ObjectId("62b797994e0c577bf45c150f"),
  "borough": "Bronx",
  "cuisine": "Bakery",
  "name": "Morris Park Bake Shop",
  "restaurant_id": "30077465"
},
{
  "_id": ObjectId("62b797994e0c577bf45c150f"),
  "borough": "Brooklyn",
  "cuisine": "Hamburgers",
  "name": "Wendy's",
  "restaurant_id": "30112340"
},
{
  "_id": ObjectId("62b797994e0c577bf45c1591"),
  "borough": "Manhattan",
  "cuisine": "Irish",
  "name": "O'Leary's Irish Pub And Restaurant",
  "restaurant_id": "30193841"
},
{
  "_id": ObjectId("62b797994e0c577bf45c1592"),
  "borough": "Brooklyn",
  "cuisine": "American",
  "name": "Riviera Caterer",
  "restaurant_id": "40356018"
},
{
  "_id": ObjectId("62b797994e0c577bf45c1593"),
  "borough": "Brooklyn",
  "cuisine": "Jewish/Fusion",
  "name": "Tov Kosher Kitchen",
  "restaurant_id": "40356068"
}
```

A screenshot of a Windows desktop showing a terminal window titled "mongosh mongodb+srv://<credentials>@cluster0.0awoc.mongodb.net/myFirstDatabase". The window displays a MongoDB query results. The query is:

```
db.addresses.find(
... {
...   "grades.date":ISODate("2014-08-11T00:00:00Z"),
...   "grades.grade":1,
...   "grades.score":11
... },
... {"restaurant_id":1,"name":1,"grades":1}
...);
```

The result shows one document with the following fields:

```
{
  _id: ObjectId("628785994e0c577bf45c160d"),
  grades: [
    {
      date: ISODate("2014-08-11T00:00:00.000Z"),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate("2013-07-22T00:00:00.000Z"),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate("2013-03-14T00:00:00.000Z"),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate("2012-07-02T00:00:00.000Z"),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate("2012-02-02T00:00:00.000Z"),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate("2011-08-24T00:00:00.000Z"),
      grade: 'A',
      score: 11
    }
  ],
  name: "Henry's Pub",
  restaurant_id: '40365871'
}
```

```
[mongoh: mongodbs:vcz] :cooper@vcooper-OptiPlex-5090:~/Desktop/mongodbs/mgfdistDatabase
Atlas atlas-k429hl-shard-0 [primary] restaurants> db.addresses.find(
... {
...   "grades.1.date":ISODate("2014-08-11T00:00:00Z"),
...   "grades.1.grade": "A",
...   "grades.score": 9
... },
... {"restaurant_id":1, "name":1, "grades":1}
... );
{
  "_id": ObjectId("6287859a4e0c577bf45c1bba"),
  "grades": [
    {
      "date": ISODate("2015-01-12T00:00:00.000Z"),
      "grade": "A",
      "score": 10
    },
    {
      "date": ISODate("2014-09-11T00:00:00.000Z"),
      "grade": "A",
      "score": 9
    },
    {
      "date": ISODate("2014-01-14T00:00:00.000Z"),
      "grade": "A",
      "score": 13
    },
    {
      "date": ISODate("2013-02-07T00:00:00.000Z"),
      "grade": "A",
      "score": 10
    },
    {
      "date": ISODate("2012-04-30T00:00:00.000Z"),
      "grade": "A",
      "score": 11
    }
  ],
  "name": "Club Macanudo (Cigar Bar)",
  "restaurant_id": "49526400"
},
{
  "_id": ObjectId("6287859a4e0c577bf45c1e57"),
  "grades": [
    {
      "date": ISODate("2015-01-05T00:00:00Z"),
      "grade": "A"
    }
  ]
}
```

```
mongosh mongoDB-Atlas://coedemrta-0@cluster0:27017/mongodb.net/myFirstDatabase
Atlas atlas-k429hl-shard-0 [primary] restaurants> db.addresses.find(
... {
.... "address.coord":{$gt:42,$lte:52}
.... },
... {"restaurant_id":1,"name":1,"address":1,"coord":1}
... );
[ {
  "_id: ObjectId("628785994e0c577bf45c1831"),
  address: {
    building: '47',
    coord: [ -78.877224, 42.89546199999999 ],
    street: 'Broadway @ Trinity Pl',
    zipcode: '10006'
  },
  name: "T.G.I. Friday's",
  restaurant_id: '46387990'
},
{
  "_id: ObjectId("628785994e0c577bf45c185d"),
  address: {
    building: '1',
    coord: [ -0.719978, 51.6514664 ],
    street: 'Pennplaza E, Penn Sta',
    zipcode: '10001'
  },
  name: 'T.G.I. Fridays',
  restaurant_id: '46388936'
},
{
  "_id: ObjectId("628785994e0c577bf45c1ab6"),
  address: {
    building: '3000',
    coord: [ -87.86567699999999, 42.611509236000005 ],
    street: '42 Avenue',
    zipcode: '11101'
  },
  name: "Di Luvio's Deli",
  restaurant_id: '464082284'
},
{
  "_id: ObjectId("628785994e0c577bf45c1ce8"),
  address: {
    building: '21072199',
    coord: [ -78.589666, 42.8912372 ],
    street: 'Broadway',
    zipcode: '10024'
  }
},
```

```
[{"Atlas atlas-kd29hl-shard-0 [primary] restaurants> db.addresses.find().sort({name:1});": "db.addresses.find().sort({name:1});", "": "ObjectID("6287859a4e0c577bf45c221f"),": "address: {", "": "building: '129',": "coord: [-73.962943, 40.685007],": "street: 'Dates Avenue',": "zipcode: '11238'"},": "borough: 'Brooklyn',": "cuisine: 'Italian',": "grades: [", "": "date: ISODate(\"2014-03-06T00:00:00.000Z\"),": "grade: 'A',": "score: 5"},": "date: ISODate(\"2013-08-29T00:00:00.000Z\"),": "grade: 'A',": "score: 2"},": "date: ISODate(\"2013-03-08T00:00:00.000Z\"),": "grade: 'A',": "score: 7"},": "date: ISODate(\"2012-06-27T00:00:00.000Z\"),": "grade: 'A',": "score: 7"},": "date: ISODate(\"2011-11-17T00:00:00.000Z\"),": "grade: 'A',": "score: 12"}],": "name: '(Lewis Drug Store) Locanda Vini E Olli',": "restaurant_id: '40886423'", "": "ObjectID("628785994e0c577bf45c159c"),": "address: {", "": "building: '1',": "coord: [-73.96926989999999, 40.7685235],": "": "27%", "": "Battery charged", "": "22:41", "": "IN", "": "Wi-Fi", "": "4G", "": "21-05-2022", "": "48 / 60"}]
```

```
mongosh mongodsh>use foodcritic
switched to db foodcritic
db.addresses.find().sort({name:-1})
{
  _id: ObjectId("528785994e0c57bf45c16de"),
  address: {
    building: "646",
    coord: [ -73.881884, 40.701779 ],
    street: "Myrtle Avenue",
    zip_code: "11285"
  },
  borough: "Queens",
  cuisine: "German",
  grades: [
    {
      date: ISODate("2014-09-24T00:00:00.000Z"),
      grade: "A",
      score: 11
    },
    {
      date: ISODate("2014-04-17T00:00:00.000Z"),
      grade: "A",
      score: 7
    },
    {
      date: ISODate("2013-03-12T00:00:00.000Z"),
      grade: "A",
      score: 13
    },
    {
      date: ISODate("2012-10-02T00:00:00.000Z"),
      grade: "A",
      score: 13
    },
    {
      date: ISODate("2012-05-09T00:00:00.000Z"),
      grade: "A",
      score: 13
    },
    {
      date: ISODate("2011-12-23T00:00:00.000Z"),
      grade: "B",
      score: 24
    }
  ],
  name: "Tim Stenlich",
  restaurant_id: "4038737"
},
```

```
Type "it" for more
Atlas atlas-x429n1-shard-0 [primary] restaurants> db.addresses.find().sort({("cuisine":1,"borough":-1)})  
[  
  {  
    _id: ObjectId("6287859a0e0c577bf45c1c7a"),  
    address: {  
      building: '1345',  
      coord: [ -73.959248, 40.768876 ],  
      street: '2 Avenue',  
      zipcode: '10021'  
    },  
    borough: 'Manhattan',  
    cuisine: 'Afghan',  
    grades: [  
      {  
        date: ISODate("2014-10-07T00:00:00.000Z"),  
        grade: 'A',  
        score: 9  
      },  
      {  
        date: ISODate("2013-10-23T00:00:00.000Z"),  
        grade: 'A',  
        score: 8  
      },  
      {  
        date: ISODate("2012-10-26T00:00:00.000Z"),  
        grade: 'A',  
        score: 13  
      },  
      {  
        date: ISODate("2012-04-26T00:00:00.000Z"),  
        grade: 'A',  
        score: 7  
      },  
      {  
        date: ISODate("2012-01-12T00:00:00.000Z"),  
        grade: 'P',  
        score: 10  
      }  
    ],  
    name: 'Afghan Kebab House',  
    restaurant_id: '605520806'  
  },  
  {  
    _id: ObjectId("6287859a0e0c577bf45c1d65"),  
    address: {  
      building: '34',  
      coord: [ -73.9883612, 40.7286391 ]  
    },  
    borough: 'Manhattan',  
    cuisine: 'Afghan',  
    grades: [  
      {  
        date: ISODate("2014-10-07T00:00:00.000Z"),  
        grade: 'A',  
        score: 9  
      },  
      {  
        date: ISODate("2013-10-23T00:00:00.000Z"),  
        grade: 'A',  
        score: 8  
      },  
      {  
        date: ISODate("2012-10-26T00:00:00.000Z"),  
        grade: 'A',  
        score: 13  
      },  
      {  
        date: ISODate("2012-04-26T00:00:00.000Z"),  
        grade: 'A',  
        score: 7  
      },  
      {  
        date: ISODate("2012-01-12T00:00:00.000Z"),  
        grade: 'P',  
        score: 10  
      }  
    ],  
    name: 'Afghan Kebab House',  
    restaurant_id: '605520806'  
  }]  
27/C 22:47 21/05/2022
```

```
mongodbs:~$ mongo atlas-k429hl-shard-0 [primary] restaurants> db.addresses.find({"address.street":{$exists:true}});  
[  
{"_id": ObjectId("628785994e0c577bf45c159f"),  
address: {  
building: "1007",  
coord: [-73.856072, 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("628785994e0c577bf45c1599"),  
address: {  

```

```
}

Atlas atlas-k429hl-shard-0 [primary] restaurants> db.addresses.find().sort({name:1});

{
  _id: ObjectId("6287859a4e0c577bf45c22f"),
  address: {
    building: '129',
    coord: [ -73.962943, 40.685007 ],
    street: 'Gates Avenue',
    zipcode: '11238'
  },
  borough: 'Brooklyn',
  cuisine: 'Italian',
  grades: [
    {
      date: ISODate("2014-03-06T00:00:00.000Z"),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate("2013-08-29T00:00:00.000Z"),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate("2013-03-08T00:00:00.000Z"),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate("2012-06-27T00:00:00.000Z"),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate("2011-11-17T00:00:00.000Z"),
      grade: 'A',
      score: 12
    }
  ],
  name: '(lewis Drug Store) Locanda Vini E Olli',
  restaurant_id: '40004423'
},
{
  _id: ObjectId("628785994e0c577bf45c159c"),
  address: {
    building: '1',
    coord: [ -73.96926009999999, 40.7085235 ],
    street: 'Gates Avenue',
    zipcode: '11238'
  },
  borough: 'Brooklyn',
  cuisine: 'Italian',
  grades: [
    {
      date: ISODate("2014-03-06T00:00:00.000Z"),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate("2013-08-29T00:00:00.000Z"),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate("2013-03-08T00:00:00.000Z"),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate("2012-06-27T00:00:00.000Z"),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate("2011-11-17T00:00:00.000Z"),
      grade: 'A',
      score: 12
    }
  ],
  name: '(lewis Drug Store) Locanda Vini E Olli',
  restaurant_id: '40004423'
}
```

```
[mongosh: mongosh://coredata@localhost:27017/test@myFirstDatabase]
]
Type "it" for more
atlas atlas-k429hl-shard-0 [primary] restaurants> db.addresses.find().sort({name:-1});
[
  (
    _id: ObjectId("628785994e0c577bf45c164e"),
    address: {
      building: '6946',
      coord: [ -73.8811834, 40.7017759 ],
      street: 'Myrtle Avenue',
      zipcode: '11385'
    },
    borough: 'Queens',
    cuisine: 'German',
    grades: [
      {
        date: ISODate("2014-09-24T00:00:00.000Z"),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate("2014-04-17T00:00:00.000Z"),
        grade: 'A',
        score: 7
      },
      {
        date: ISODate("2013-03-12T00:00:00.000Z"),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate("2012-10-02T00:00:00.000Z"),
        grade: 'A',
        score: 9
      },
      {
        date: ISODate("2012-05-09T00:00:00.000Z"),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate("2011-12-28T00:00:00.000Z"),
        grade: 'B',
        score: 24
      }
    ],
    name: 'Zum Stammtisch',
    restaurant_id: '40367377'
  )
]
```



```
Type "it" for more
Atlas atlas-k429hl-shard-0 [primary] restaurants> db.addresses.find().sort({cuisine:1,"borough":-1});
[
  {
    _id: ObjectId("6287859a4e0c577bf45c1c7a"),
    address: {
      building: '1345',
      coord: [ -73.959249, 40.768076 ],
      street: '2 Avenue',
      zipcode: '10021'
    },
    borough: 'Manhattan',
    cuisine: 'Afghan',
    grades: [
      {
        date: ISODate("2014-10-07T00:00:00.000Z"),
        grade: 'A',
        score: 9
      },
      {
        date: ISODate("2013-10-23T00:00:00.000Z"),
        grade: 'A',
        score: 8
      },
      {
        date: ISODate("2012-10-26T00:00:00.000Z"),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate("2012-04-26T00:00:00.000Z"),
        grade: 'A',
        score: 7
      },
      {
        date: ISODate("2012-01-12T00:00:00.000Z"),
        grade: 'P',
        score: 10
      }
    ],
    name: 'Afghan Kebab House',
    restaurant_id: 'A0552880'
  },
  {
    _id: ObjectId("6287859a4e0c577bf45c1da5"),
    address: {
      building: '34',
      coord: [ -73.9883612, 40.7286391 ]
    }
  }
]
```

```
Atlas atlas-k429hl-shard-0 [primary] restaurants> db.addresses.find({"address.street":{$exists:true}});
```

```
[{"_id": ObjectId("628785994e0c577bf45c150f"), "address": {"building": "1007", "coord": [-73.856877, 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": "38075645"}, {"_id": ObjectId("628785994e0c577bf45c1509"), "address": {"building": "469",
```

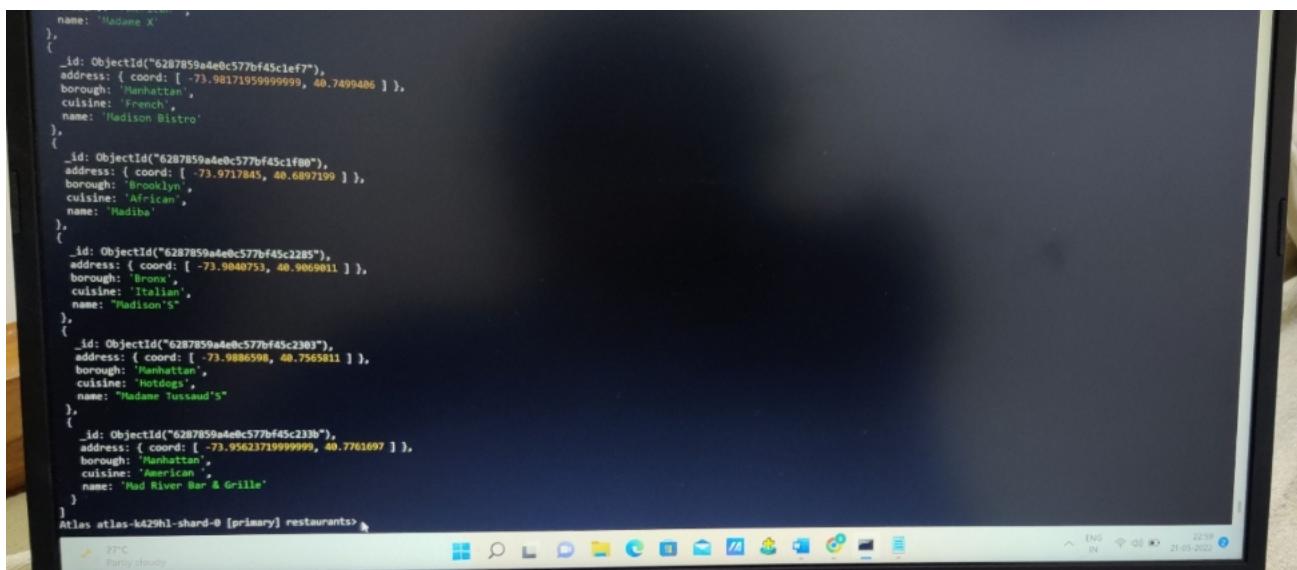
```
ES: mongosh mongo://<credentials>-@cluster0.0awoc.mongodb.net/myFirstDatabase
]
}
Type "it" for more
Atlas atlas-k429hl-shard-0 [primary] restaurants> db.addresses.find({"address.coord":{$type:1}});
[
  {
    _id: ObjectId("628785994e0c577bf45c15bf"),
    address: {
      building: '1007',
      coord: [ -73.056077, 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("628785994e0c577bf45c1590"),
    address: {
      building: '469',
      coord: [ -73.056077, 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'
  }
]
```

```
[mongod] mongosh> //connected to client@lance:27017@/myFirstDatabase
Type "it" for more
Atlas atlas-kd29hl-shard-0 [primary] restaurants> db.addresses.find(
... {
.... "grades.score":{$mod:[7,0]},
.... },
.... {"restaurant_id":1,"name":1,"grades":1}
... );
[{
  "_id": ObjectId("628785994e0c57bf45c150f"),
  "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("628785994e0c57bf45c1592"),
  "grades": [
    {
      "date": ISODate("2014-06-18T00:00:00.000Z"),
      "grade": "A",
      "score": 5
    }
  ]
}]

ZTC
Dell Studio
```

```
mongodbs> use myfirstDatabase
switched to db myfirstDatabase
Type "it" for more
Atlas atlas-kd29h1-shard-0 [primary] restaurants> db.addresses.find(
... {name: {$regex: /Mad/}, 
... },
... {"name":1,"borough":1,"address.coord":1,"cuisine":1}
...
[
  {
    _id: ObjectId("6287859a4e0c577bf45c1acb"),
    address: { coord: [ -73.9860597, 40.7431194 ] },
    borough: 'Manhattan',
    cuisine: 'American',
    name: 'Madison Square'
  },
  {
    _id: ObjectId("6287859a4e0c577bf45c1b99"),
    address: { coord: [ -73.9830219999999, 40.742313 ] },
    borough: 'Manhattan',
    cuisine: 'Indian',
    name: 'Madras Mahal'
  },
  {
    _id: ObjectId("6287859a4e0c577bf45c1a47"),
    address: { coord: [ -74.000002, 40.72735 ] },
    borough: 'Manhattan',
    cuisine: 'American',
    name: 'Madame X'
  },
  {
    _id: ObjectId("6287859a4e0c577bf45c1ef7"),
    address: { coord: [ -73.9817195999999, 40.7499406 ] },
    borough: 'Manhattan',
    cuisine: 'French',
    name: 'Madison Bistro'
  },
  {
    _id: ObjectId("6287859a4e0c577bf45c1f80"),
    address: { coord: [ -73.9717845, 40.6897299 ] },
    borough: 'Brooklyn',
    cuisine: 'African',
    name: 'Madiba'
  },
  {
    _id: ObjectId("6287859a4e0c577bf45c2285"),
    address: { coord: [ -73.9840753, 40.9805981 ] },
    borough: 'Bronx',
    cuisine: 'Italian',
    name: 'Mafra'
  }
]
```

```
    name: 'Madame X',
  },
{
  _id: ObjectId("6287859a4e0c577bf45c1ef7"),
  address: { coord: [ -73.9817195999999, 40.7499486 ] },
  borough: 'Manhattan',
  cuisine: 'French',
  name: 'Madison Bistro'
},
{
  _id: ObjectId("6287859a4e0c577bf45c1fb0"),
  address: { coord: [ -73.9717845, 40.6897199 ] },
  borough: 'Brooklyn',
  cuisine: 'African',
  name: 'Madiba'
},
{
  _id: ObjectId("6287859a4e0c577bf45c2285"),
  address: { coord: [ -73.9840753, 40.9069011 ] },
  borough: 'Bronx',
  cuisine: 'Italian',
  name: 'Madison 5'
},
{
  _id: ObjectId("6287859a4e0c577bf45c2303"),
  address: { coord: [ -73.9886598, 40.7565811 ] },
  borough: 'Manhattan',
  cuisine: 'Hotdogs',
  name: "Madame Tussaud's"
},
{
  _id: ObjectId("6287859a4e0c577bf45c233b"),
  address: { coord: [ -73.9562371999999, 40.7761697 ] },
  borough: 'Manhattan',
  cuisine: 'American',
  name: 'Mad River Bar & Grille'
}
]
Atlas atlas-k429h1-shard-0 [primary] restaurants>
```



PDF Created Using



Camera Scanner

Easily Scan documents & Generate PDF



<https://play.google.com/store/apps/details?id=photo.pdf.maker>