Primer punto

```
> db.quiz.find()
"_id" : ObjectId("6242a51fd0ae3a763a677b5d"), "address" : { "building" : "2780", "coord" : [ -73.98241999999999, 40.579505 ], "street" : "Stillwell Avenue", "zipcode" : "11224" }, "borough" : "Brooklyn",
"cuisine" : "American", "grades" : [ { "date" : ISODate("2014-06-10T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-05T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("201
-04-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-10-12T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Riviera Caterer", "restaurant_id" : "40356018" }
"_id" : ObjectId("6242a51fd0ae3a763a677b5e"), "address" : { "building" : "1007", "coord" : [ -73.856077, 40.848447 ], "street" : "Morris Park Ave", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" :
Bakery", "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-24T00:00:
00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Morris P
ark Bake Shop", "restaurant_id" : "30075445" }
"_id" : ObjectId("6242a51fd0ae3a763a677b5f"), "address" : { "building" : "97-22", "coord" : [ -73.8601152, 40.7311739 ], "street" : "63 Road", "zipcode" : "11374" }, "borough" : "Queens", "cuisine" : "Jewi
sh/Kosher", "grades" : [ { "date" : ISODate("2014-11-24T00:00:00Z"), "grade" : "Z", "score" : 20 }, { "date" : ISODate("2013-01-17T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-08-02T0
0:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-15T00:00:00Z"), "grade" : "B", "score" : 25 } ], "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" }
"_id" : ObjectId("6242a51fd0ae3a763a677b60"), "address" : { "building" : "8825", "coord" : [ -73.8803827, 40.7643124 ], "street" : "Astoria Boulevard", "zipcode" : "11369" }, "borough" : "Queens", "cuisine
: "American", "grades" : [ { "date" : ISODate("2014-11-15T00:00:00Z"), "grade" : "Z", "score" : 38 }, { "date" : ISODate("2014-05-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-03-
02T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-02-10T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" }
"_id" : ObjectId("6242a51fd0ae3a763a677b61"), "address" : { "building" : "351", "coord" : [ -73.98513559999999, 40.7676919 ], "street" : "West    57 Street", "zipcode" : "10019" }, "borough" : "Manhattan",
"cuisine" : "Irish", "grades" : [ { "date" : ISODate("2014-09-06T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-07-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012
-07-31T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-12-29T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Dj Reynolds Pub And Restaurant", "restaurant_id" : "30191841" }
"_id" : ObjectId("6242a51fd0ae3a763a677b62"), "address" : { "building" : "7114", "coord" : [ -73.9068506, 40.6199034 ], "street" : "Avenue U", "zipcode" : "11234" }, "borough" : "Brooklyn", "cuisine" : "De
icatessen", "grades" : [ { "date" : ISODate("2014-05-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-03T
00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-07-18T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-09T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISO
Date("2011-10-14T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Wilken'S Fine Food", "restaurant_id" : "40356483" }
"_id" : ObjectId("6242a51fd0ae3a763a677b63"), "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("6242a51fd0ae3a763a677b64"), "address" : { "building" : "2206", "coord" : [ -74.1377286, 40.6119572 ], "street" : "Victory Boulevard", "zipcode" : "10314" }, "borough" : "Staten Island", "
cuisine" : "Jewish/Kosher", "grades" : [ { "date" : ISODate("2014-10-06T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-05-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODat
("2013-04-04T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-01-24T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Kosher Island", "restaurant_id" : "40356442" }
"_id" : ObjectId("6242a51fd0ae3a763a677b65"), "address" : { "building" : "469", "coord" : [ -73.961704, 40.662942 ], "street" : "Flatbush Avenue", "zipcode" : "11225" }, "borough" : "Brooklyn", "cuisine" :
Hamburgers", "grades" : [ { "date" : ISODate("2014-12-30T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2014-07-01T00:00:00Z"), "grade" : "B", "score" : 23 }, { "date" : ISODate("2013-04-30
T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-05-08T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Wendy'S", "restaurant_id" : "30112340" }
"_id" : ObjectId("6242a51fd0ae3a763a677b66"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine
: "American", "grades" : [ { "date" : ISODate("2014-05-28T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-06-19T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-06-1
5T00:00:00Z"), "grade" : "A", "score" : 3 } ], "name" : "Wild Asia", "restaurant_id" : "40357217" }
"_id" : ObjectId("6242a51fd0ae3a763a677b67"), "address" : { "building" : "1269", "coord" : [ -73.871194, 40.6730975 ], "street" : "Sutter Avenue", "zipcode" : "11208" }, "borough" : "Brooklyn", "cuisine" :
Chinese", "grades" : [ { "date" : ISODate("2014-09-16T00:00:00Z"), "grade" : "B", "score" : 21 }, { "date" : ISODate("2013-08-28T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-04-02T00
00:00Z"), "grade" : "C", "score" : 56 }, { "date" : ISODate("2012-08-15T00:00:00Z"), "grade" : "B", "score" : 27 }, { "date" : ISODate("2012-03-28T00:00:00Z"), "grade" : "B", "score" : 27 } ], "name" : "May
May Kitchen", "restaurant_id" : "40358429" }
"_id" : ObjectId("6242a51fd0ae3a763a677b68"), "address" : { "building" : "1", "coord" : [ -73.96926909999999, 40.7685235 ], "street" : "East   66 Street", "zipcode" : "10065" }, "borough" : "Manhattan", "c
uisine" : "American", "grades" : [ { "date" : ISODate("2014-05-07T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-05-03T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012
04-30T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2011-12-27T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "1 East 66th Street Kitchen", "restaurant_id" : "40359480" }
"_id" : ObjectId("6242a51fd0ae3a763a677b69"), "address" : { "building" : "705", "coord" : [ -73.9653967, 40.6064339 ], "street" : "Kings Highway", "zipcode" : "11223" }, "borough" : "Brooklyn", "cuisine" :
"Jewish/Kosher", "grades" : [ { "date" : ISODate("2014-11-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-1
0-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-05-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-12-30T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" :
"Seuda Foods", "restaurant_id" : "40360045" }
"_id" : ObjectId("6242a51fd0ae3a763a677b6a"), "address" : { "building" : "1839", "coord" : [ -73.9482609, 40.6408271 ], "street" : "Nostrand Avenue", "zipcode" : "11226" }, "borough" : "Brooklyn", "cuisine
: "Ice Cream, Gelato, Yogurt, Ices", "grades" : [ { "date" : ISODate("2014-07-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-10T00:00:00Z"), "grade" : "A", "score" : 8 }, { "dat
: ISODate("2012-07-11T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2012-02-23T00:00:00Z"), "grade" : "A", "score" : 8 } ], "name" : "Taste The Tropics Ice Cream", "restaurant_id" : "4035
```

Segundo punto

```
db.quiz.distinct("cuisine")

        "Afghan",
        "African",
        "American",
        "Armenian",
        "Asian",
        "Australian",
        "Bagels/Pretzels",
        "Bakery",
        "Bangladeshi",
        "Barbecue",
        "Bottled beverages, including water, sodas, juices, etc.",
        "Brazilian",
        "Cafû/Coffee/Tea",
        "Café/Coffee/Tea",
        "Cajun",
        "Californian",
        "Caribbean",
        "Chicken",
        "Chilean",
        "Chinese",
        "Chinese/Cuban",
        "Chinese/Japanese",
        "Continental",
        "Creole",
        "Creole/Cajun",
        "Czech",
        "Delicatessen",
        "Donuts",
        "Eastern European",
        "Egyptian",
        "English",
        "Ethiopian",
        "Filipino",
        "French",
        "Fruits/Vegetables",
        "German",
        "Greek",
        "Hamburgers",
        "Hawaiian",
        "Hotdogs",
        "Hotdogs/Pretzels",
        "Ice Cream, Gelato, Yogurt, Ices",
        "Indian",
        "Indonesian",
        "Iranian",
        "Irish",
        "Italian",
        "Japanese",
        "Jewish/Kosher",
        "Juice, Smoothies, Fruit Salads",
        "Korean",
        "Latin (Cuban, Dominican, Puerto Rican, South & Central American)",
        "Mediterranean",
        "Mexican",
        "Middle Eastern",
        "Moroccan",
        "Not Listed/Not Applicable",
        "Nuts/Confectionary",
        "Other",
```

Tercer punto

```
> db.quiz.distinct("cuisine",{"address.zipcode":"11414","address.street":"Cross Bay Boulevard"})
[
        "American",
        "Bakery",
        "Café/Coffee/Tea",
        "Chicken",
        "Chinese",
        "Donuts",
        "Italian"
]
```

Cuarto punto

```
> db.quiz.find({name:/^Willie/},{_id: 0, name:1, address:1})
{ "address" : { "building" : "1832-34", "coord" : [ -73.8649315, 40.8320367 ], "street" : "Westchester Avenue", "zipcode" : "10472" }, "name" : "Willie'S Steak House" }
{ "address" : { "building" : "3118", "coord" : [ -73.92483849999999, 40.7614524 ], "street" : "Broadway", "zipcode" : "11106" }, "name" : "Willie O'S" }
> db.quiz.find({cuisine:/Pizza/,name:{$nin: [/Pizza/,/Pizzeria/]}},{id:0, name: 1})
```

Quinto punto

```
db.quiz.find( { cuisine:/Pizza/, name: { $nin: [ /Pizza/ , /Pizzeria/ ] } }, {_id:0, name: 1})
{ "name" : "Lb Spumoni Gardens" }
{ "name" : "Caesar'S Palace" }
{ "name" : "The Grotto" }
{ "name" : "Dairy Palace" }
{ "name" : "Uno Chicago Grill" }
{ "name" : "Uno Chicago Grill" }
{ "name" : "Pomodoro Ristorante" }
{ "name" : "Bella Napoli" }
{ "name" : "Uno Chicago Grill" }
{ "name" : "Two Boots To Go-Go" }
{ "name" : "Avellino Restaurant" }
{ "name" : "Two Boots To Go West" }
{ "name" : "La Casa Bella" }
{ "name" : "City Pie" }
{ "name" : "Lombardi'S" }
{ "name" : "Costco Wholesale" }
{ "name" : "Mama Carmela'S" }
{ "name" : "Tony'S Brick Oven" }
{ "name" : "La Bruschetta Restaurant" }
{ "name" : "Monty Q'S" }
```

Sexto punto

```
> db.quiz.find( { cuisine:/^Pizza/, borough:"Queens","grades.grade":{$nin:["B","C","P","Z","Not Yet Graded"]}},{_id:0,name:1})
{ "name" : "New Park Pizzeria & Restaurant" }
{ "name" : "Rizzo'S Fine Pizza" }
{ "name" : "Margherita Pizza" }
{ "name" : "Dani Pizza And Restaurant" }
{ "name" : "Amore Pizzeria & Restaurant" }
{ "name" : "John'S Pizzeria" }
{ "name" : "Vinny'S Pizza" }
{ "name" : "La Villa De Pizza & Restaurant" }
{ "name" : "Ozone Pizzeria" }
{ "name" : "Neron'S Pizza" }
{ "name" : "Carlos Pizza" }
{ "name" : "Pisa Pizzeria" }
{ "name" : "Gaby'S Pizza" }
{ "name" : "Lucky Pizza" }
{ "name" : "Glendale Pizza" }
{ "name" : "Caterina'S Pizza" }
{ "name" : "Lucia Pizza" }
{ "name" : "Nick'S Pizza" }
{ "name" : "Famous Pizza" }
{ "name" : "Singas Famous Pizza" }
Type "it" for more
```

Septimo punto

```
> db.quiz.count({cuisine:"Hamburgers"})
433
>
```

Octavo punto

```
> db.quiz.count({cuisine:"Hamburgers",borough:"Manhattan"})
124
>
```

Noveno punto

```
> db.quiz.count({cuisine:"Hamburgers",borough:"Manhattan",name:{$nin:[/^Mcdonald´s/]}})
124
>
```

Decimo punto

```
> db.quiz.find({"cuisine":"Hamburgers","borough":"Manhattan","name":{$nin:[/Burger King/]}}).count()
110
```

Onceavo punto

```
> db.quiz.distinct("address.street",{"cuisine":"Hamburgers","borough":"Manhattan","name":{$nin:[/Burger King/]}})
[
        "1 Avenue",
        "10 Avenue",
        "2 Avenue",
        "3 Avenue",
        "5 Avenue",
        "6 Avenue",
        "7 Avenue",
        "7Th Ave",
        "8 Avenue",
        "9 Avenue",
        "Adam Clayton Powell Boulevard",
        "Amsterdam Avenue",
        "Avenue Of The Americas",
        "Bleeker Street",
        "Broadway",
        "Canal Street",
        "Columbus Avenue",
        "East   14 Street",
        "East   47 Street",
        "East  103 Street",
        "East  125 Street",
        "East 42 Street",
        "East Houston Street",
        "Lenox Ave",
        "Lenox Avenue",
        "Lexington Ave",
        "Lexington Avenue",
        "Madison Avenue",
```

Doceavo punto

```
> db.quiz.find({"cuisine":"Hamburgers","address.street":"Pearl Street"},{"name":1,"_id":0})
{ "name" : "Burger Burger" }
```