NoSQL databases

Lab #2 - Part II

(1) Display the fields restaurant_id, name, borough and cuisine for all restaurants.

```
> db.restaurants.find({}, { _idi | _, name: | _, borough: | _, cuisine: | } } { ".id" : ObjectId("Salch8b78cdfcle8d4f5584"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Alviera Caitere" } { ".id" : ObjectId("Salch8b78cdfcle8d4f5584"), "borough" : "Brooklyn", "cuisine" : "Bakery", "name" : "Morr is Park Bake Snog" } { ".id" : ObjectId("Salch8b78cdfcle8d4f5586"), "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen" } { ".id" : ObjectId("Salch8b78cdfcle8d4f5587"), "borough" : "Queens", "cuisine" : "American ", "name" : "Brunos On The Boulevard" } { ".id" : ObjectId("Salch8b78cdfcle8d4f5538"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "objectId("Salch8b78cdfcle8d4f55389"), "borough" : "Brooklyn", "cuisine" : "OblectSesen", "name " : "Hilken's Fine Food" } { ".id" : ObjectId("Salch8b78cdfcle8d4f55380"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers" } { ".id" : ObjectId("Salch8b78cdfcle8d4f55380"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Rendy's" } { ".id" : ObjectId("Salch8b78cdfcle8d4f55380"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Wild Asia" } { ".id" : ObjectId("Salch8b78cdfcle8d4f55380"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "Wild Asia" } { ".id" : ObjectId("Salch8b78cdfcle8d4f55380"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "Wild Asia" } { ".id" : ObjectId("Salch8b78cdfcle8d4f55380"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "Quisine" : "Seuds Foods" } { ".id" : ObjectId("Salch8b78cdfcle8d4f55380"), "borough" : "Brooklyn", "cuisine" : "Irish", "name" : "Quisine" : "Seuds Foods" } { ".id" : ObjectId("Salch8b78cdfcle8d4f55310"), "borough" : "Brooklyn", "cuisine" : "Irish", "name" : "Quisine" : "Irish : "Irish : "Irish : "Quisine" : "Irish : "
```

(2) Same as one, exclude _id

```
{ "_id" : ObjectId("Sa8cb8b78cdfcle8d4f39313"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Y ogurt, Ices", "name" : "Taste The Tropics Ice Cream" } { "_id" : ObjectId("Sa8cb8b78cdfcle8d4f39314"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "The Movable Feast" } { "_id" : ObjectId("Sa8cb8b78cdfcle8d4f39315"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Sal'S Deli" } { "_id" : ObjectId("Sa8cb8b78cdfcle8d4f59315"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name " : "Nordic Delicacles" } { "_id" : ObjectId("Sa8cb8b78cdfcle8d4f59317"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Glorious Food" } Type "it" for more > db.restourants.find({}, { _id: 0, name: 1, borough: 1, cuisine: 1 }} { "borough" : "Brooklyn", "cuisine" : "Bakery", "name" : "Riviera Caterer" } { "borough" : "Gueens", "cuisine" : "Bakery", "name" : "Tov Kosher Kitchen" } { "borough" : "Queens", "cuisine" : "Bakery", "name" : "Tov Kosher Kitchen" } { "borough" : "State Island", "cuisine" : "American ", "name" : "Tov Kosher Staland" } { "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Rosker Staland" } { "borough" : "Brooklyn", "cuisine" : "Mentican ", "name" : "Rosker Staland" } { "borough" : "Brooklyn", "cuisine" : "Mentican ", "name" : "Rosker Staland" } { "borough" : "Brooklyn", "cuisine" : "Mentican ", "name" : "Rosker Staland" } { "borough" : "Brooklyn", "cuisine" : "Mentican ", "name" : "Rosker Staland" } { "borough" : "Brooklyn", "cuisine" : "Mentican ", "name" : "Rosker Staland" } { "borough" : "Brooklyn", "cuisine" : "Mentican ", "name" : "Rosker Staland" } { "borough" : "Brooklyn", "cuisine" : "Mentican ", "name" : "Rosker Staland" } { "borough" : "Brooklyn", "cuisine" : "Mentican ", "name" : "Rosker Staland" } { "borough" : "Brooklyn", "cuisine" : "Mentican ", "name" : "Rosker Staland" } { "borough" : "Brooklyn", "cuisine" : "Rosker ", "name" : "Carvel Ice Cream" } { "borough" : "Brooklyn", "cuisine" : "Rosker ", "name" : "Seuds Foods" } { "borough" : "Brooklyn",
```

(3) All restaurants in Manhattan

```
"borough": "Brooklyn", "cuisine": "Chinese", "name": "May May Kitchen" }
{ "borough": "Brooklyn", "cuisine": "Jewish/Kosher", "name": "Seuda Foods" }
{ "borough": "Brooklyn", "cuisine": "Irish", "name": "Di Reynolds Pub And Restaurant" }
{ "borough": "Brooklyn", "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "name": "Carvel Ice Cream" }
{ "borough": "Brooklyn", "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "name": "Carvel Ice Cream" }
{ "borough": "Brooklyn", "cuisine": "Ce Cream, Gelato, Yogurt, Ices", "name": "Taste The Tropics Ice Cream" }
{ "borough": "Brooklyn", "cuisine": "Pelicatessen", "name": "Sal'S Deli" }
{ "borough": "Brooklyn", "cuisine": "Delicatessen", "name": "Sal'S Deli" }
{ "borough": "Brooklyn", "cuisine": "Delicatessen", "name": "Glorious Food" }
Type "it" for more
> db.restaurants.find({ borough: "Manhattan" }, { idi 0, name: 1, borough: 1, cuisine: 1 }}
{ "borough": "Manhattan", "cuisine": "American ", "name": "Glorious Food" }
{ "borough": "Manhattan", "cuisine": "American ", "name": "Bolicatessen", "Bolicatessen", "nam
```

(4) First 5 results in Bronx

(5) Find high-scoring restaurants

```
> db.restaurants.find(
... { grade.score; { $gt; 90 },
... { id; 1, grades.score; 1 }
... }

> db.restaurants.find(
... { grade.score; { $gt; 90 },
... { id; 1, grades.score; 1 }
... }

2018-02-24723;33:49.106-0000 E QUERY [thread1] SyntaxError; missing; after property id @(shell):2:7

> db.restaurants.find(
... { "$grades.score"; { $gt; 90 } },
... { id; 1, grades.score"; { $gt; 90 } },
... { id; 1, grades.score; 1 }
... }

2018-02-24723;34:14.399+0000 E QUERY [thread1] SyntaxError; missing; after property id @(shell):3:15

> db.restaurants.find(
... { "grades.score"; { $gt; 90 } },
... { id; 1, grades.score"; { $gt; 90 } },
... { id; 1, grades.score"; { $gt; 90 } },
... { id; 1, grades.score"; { $gt; 90 } },
... { id; 1, grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { id; 1, "grades.score"; { $gt; 90 } },
... { i
```

(6) Score between 80-100

(7) based on coordinates

```
2018-02-25700:07:50.794+0000 E QUERY [thread1] SyntaxError: missing : after property id @(shell):3:40 > db.restaurants.find(
... { "address.coord.0": { $lt: -95.754160 } },
... { _idi : , street: |, cwisine: |, "address.coord": | },
... { _idi : , street: |, cwisine: |, "address.coord": | -101.0945214, 33.5197474 | }, "
cwisine": "American " }

{ "_id": ObjectId("Sa6cb8b88cdfcle8d4f5994d"), "address": { "coord": [ -119.6368672, 36.2504996 ] }, "
cwisine": "Italian" }

{ "_id": ObjectId("Sa6cb8b8cdfcle8d4f5915f"), "address": { "coord": [ -119.6368672, 36.2504996 ] }, "
cwisine": "lapina" }

{ "_id": ObjectId("Sa6cb8b8cdfcle8d4f59349"), "address": { "coord": [ -112.3876832, 37.766686 ] }, "
cwisine": "Pizza" }

{ "_id": ObjectId("Sa6cb8b8cdfcle8d4f59349"), "address": { "coord": [ -115.2372343, 36.1836718 ] }, "
cwisine": "Pizza" }

{ "_id": ObjectId("Sa6cb8b8cdfcle8d4f59345"), "address": { "coord": [ -115.2372343, 36.1836718 ] }, "
cwisine": "Pizza" }

{ "_id": ObjectId("Sa6cb8b8cdfcle8d4f59b10"), "address": { "coord": [ -128.4599938, 36.8686752 ] }, "
cwisine": "Caribbean" }

{ "_id": ObjectId("Sa6cb8b8cdfcle8d4f5854"), "address": { "coord": [ -99.8648336, 40.7284015 ] }, "c
uisine": "Caribbean" }

{ "_id": ObjectId("Sa6cb8b8cdfcle8d4f58584"), "address": { "coord": [ -19.42801566, 39.688641 ] }, "c
uisine": "ObjectId("Sa6cb8b8cdfcle8d4f58540"), "address": { "coord": [ -114.2881266, 39.688641 ] }, "c
uisine": "ObjectId("Sa6cb8b8cdfcle8d4f58540"), "address": { "coord": [ -104.2881266, 39.688641 ] }, "c
uisine": "ObjectId("Sa6cb8b8cdfcle8d4f58584"), "address": { "coord": [ -104.8348285, 39.7691992 ] }, "c
uisine": "ObjectId("Sa6cb8b8cdfcle8d4f58560"), "address": { "coord": [ -114.8348285, 39.7691992 ] }, "c
uisine": "ObjectId("Sa6cb8b8cdfcle8d4f58585"), "address": { "coord": [ -114.8348285, 39.7691992 ] }, "c
uisine": "ObjectId("Sa6cb8b8cdfcle8d4f58585"), "address": { "coord": [ -114.6787351, 33.4631523 ] }, "c
uisine": "ObjectId("Sa6cb8b8cdfcle8d4f58660"), "address": { "coord": [ -114.6787351, 33.4631523 ] }, "c
u
```

(8) non-American, score 70+

(9) non-American, grade A, non-Brooklyn

(10) starting with "Wil"

(11) ending in "ces"

```
2018-02-25723:32:49.129+0000 E QUERY [thread1] SyntaxError: unterminated comment @(shell):2:20 > db.restaurants.find(
... { "name": { sreeqs: /.*ccs$/ }},
... { idi l, name: l, street: l, cuisine: l, "address.coord": l }
... } "... id": ObjectId("SaGcbbB8cdfcle8d4f99796"), "address": { "coord": [ -74.000085, 40.733807 ] }, "cuisine": "American ", "name": "Pieces")
{ "_id": ObjectId("SaGcbbB8cdfcle8d4f99857"), "address": { "coord": [ -73.92226, 40.7276291 ] }, "cuisine": "American ", "name": "S.R.R Restaurant Services" } { "coord": [ -73.922226, 40.7276291 ] }, "cuisine": "Merican ", "name": "Good Shepherd Services" } { "coord": [ -73.9818651, 40.7337096 ] }, "cuisine": "Merican ", "name": "Good Shepherd Services" } { "coord": [ -73.9818651, 40.7337096 ] }, "cuisine": "ObjectId("SaGcbbB8cdfcle8d4f9913"), "address": { "coord": [ -73.7882038000002, 40.7422044 ] }, "cuisine": "If c Gream, Gelato, Yogurt, Ices", "name": "The Ice Box-Ralph's Famous Italian Ices" } { "_id": ObjectId("SaGcbbB8cdfcle8d4f9913"), "address": { "coord": [ -73.968012, 40.597293 ] }, "cuisine": "American ", "name": "Alices" } { "_id": ObjectId("SaGcbbB8cdfcle8d4f9813"), "address": { "coord": [ -73.9833072, 40.7630411 ] }, "cuisine": "American ", "name": "R.A.R. Cafe/Great Performances" } { "_id": ObjectId("SaGcbbB8cdfcle8d4f38135"), "address": { "coord": [ -73.983846, 40.68962801 ] }, "cuisine": "Merican ", "name": "B.A.R. Cafe/Great Performances" } { "_id": ObjectId("SaGcbB8cdfcle8d4f38647), "address": { "coord": [ -73.983466, 40.6896280000001 ] }, "cuisine": "Merican ", "name": "Barbara Blum Residence / Good Shepherd Services" } { "_id": ObjectId("SaGcbB8cdfcle8d4f38647), "address": { "coord": [ -73.983466, 40.6896280000001 ] }, "cuisine": "Merican ", "name": "Barbara Blum Residence / Good Shepherd Services" } { "_id": ObjectId("SaGcbB8cdfcle8d4f3866"), "address": { "coord": [ -73.983466, 40.6896280000001 ] }, "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "name": "Ralph'S Famous Italian Ices" } { "_id": ObjectId("SaGcbB8b8cdfcle8d4f3866"),
```

(12) Starting with "Reg"

(13) in Bronx, American or Chinese

```
2018-02-26T22:51:25.610+0000 E QUERY [thread1] SymtaxError: invalid property id @(shell):1:121

> db.restaurants.find(
... { Sand: [
... { "cuisine": { Sregex: /[.*American.*$] | [.*Chinese.*$]/ },
... { "borough": "Bronx" }
... },
... { "borough": "Bronx" }
... ],
... { idi 1, name: 1, street: 1, cuisine: 1 }
... }
... { idi 2. ObjectId("Sa8cb0b78cdfcle0d4f5932d"), "cuisine": "American ", "name": "Mild Asia" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f59322"), "cuisine": "American ", "name": "Manhem Club" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f59335"), "cuisine": "American ", "name": "The New Starling Athle tic Club Off The Bronx" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f59370"), "cuisine": "American ", "name": "Yankee Taverm" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f593397"), "cuisine": "American ", "name": "The Punch Bowl" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f59330"), "cuisine": "American ", "name": "Hunchtime" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f59330"), "cuisine": "American ", "name": "Hunchtime" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f59330"), "cuisine": "American ", "name": "Namina Oelray" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f59330"), "cuisine": "American ", "name": "Namina Oelray" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f5930d"), "cuisine": "American ", "name": "Cool Zone" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f5930d"), "cuisine": "American ", "name": "Blue Bay Restaurant" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f593fe"), "cuisine": "American ", "name": "Blue Bay Restaurant" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f59430"), "cuisine": "American ", "name": "Blue Bay Restaurant" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f594391"), "cuisine": "American ", "name": "Blue Bay Restaurant" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f59437"), "cuisine": "American ", "name": "Blue Bay Restaurant" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f59437"), "cuisine": "American ", "name": "Blue Castleill Diner" }
... { "id": ObjectId("Sa8cb0b78cdfcle0d4f594591"), "cuisine": "American "
```

(14) Restaurants in different boroughs

(15) Score lower than 10

```
> db.restaurants.find(
... { "grades.score": { $lte: 10 }},
... { "id: l, name: l, borough: l, cuisine: l }
... { _id: l, name: l, borough: l, cuisine: l }
... { _id: l, name: l, borough: l, cuisine: l }
... { _id: 0bjectId("Sa8cb8b78cdfcle8d4f59384"), "borough": "Brooklyn", "cuisine": "American ", "name": "Riviera Caterer" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59387"), "borough": "Bronx", "cuisine": "Bakery", "name": "Morris Park Bake Shop" }
{ "_id": 0bjectId("Sa8cb8b78cdfcle8d4f59388"), "borough": "Oueens", "cuisine": "American ", "name": "Brunss On The Boulevard" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59388"), "borough": "Staten Island", "cuisine": "Jewish/Kosher", "name: "Kosher Island" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59389"), "borough": "Brooklyn", "cuisine": "American ", "name": "Rejina Caterers" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59380"), "borough": "Brooklyn", "cuisine": "Hamburgers", "name": "Rejina Caterers" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59380"), "borough": "Brooklyn", "cuisine": "American ", "name": "Kid Asia" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59380"), "borough": "Brooklyn", "cuisine": "American ", "name": "Kid Asia" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59380"), "borough": "Brooklyn", "cuisine": "Chinese", "name": "Kid Asia" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59380"), "borough": "Brooklyn", "cuisine": "Chinese", "name": "Kid Asia" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59380"), "borough": "Brooklyn", "cuisine": "Iewish/Kosher", "name": "Seuda Foods" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59310"), "borough": "Brooklyn", "cuisine": "Iewish/Kosher", "name": "Oueens", "cuisine": "Irish", "name": "Di Reynolds Pub And Restaurant" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59310"), "borough": "Brooklyn", "cuisine": "Ice Cream, Gelato, Yougurt, Ices", "name": "Carvel Ice Cream" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59311"), "borough": "Brooklyn", "cuisine": "Ice Cream, Gelato, Yougurt, Ices", "name": "Carvel Ice Cream" }
{ ".id": 0bjectId("Sa8cb8b78cdfcle8d4f59314"),
```

(16) Starting with "Wil", non-American/Chinese My regex expression doesn't ignore American for some reason - Chinese restaurants are filtered accordingly...

```
{ Sand: [
{ "name": { Sregex: /"Wil.*/ } },
   (_id: 1, name: 1, borough: 1, cuisine: 1 }
..)
"_id" : ObjectId("5a8cb8b78cdfcle8d4f59389"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name
: "Wilken'S Fine Food" }
"_id" : ObjectId("5a8cb8b78cdfcle8d4f5938d"), "borough" : "Bronx", "cuisine" : "American ", "name" : "W
id Asia" }
"_id" : ObjectId("5a8cb8b88cdfcle8d4f5a116"), "borough" : "Bronx", "cuisine" : "Pizza", "name" : "Wilbe
Pizza" }
" id" : ObjectId("5a8cb8b88cdfcle8d4f5a116"), "borough" : "Bronx", "cuisine" : "Pizza", "name" : "Wilbe
      .id" : ObjectId("5a8cb8b88cdfcle8d4f5a267"), "borough" : "Manhattan", "cuisine" : "Seafood", "name" :
d Edibles" }
   id Edibles" }
_id": ObjectId("Sa8cb8b88cdfcle8d4fSada4"), "borough": "Brooklyn", "cuisine": "Bagels/Pretzels", "n
": "Wild Bagels" }
_id": ObjectId("Sa8cb8b88cdfcle8d4fSae83"), "borough": "Brooklyn", "cuisine": "Latin (Cuban, Dominican
werto Rican, South & Central American)", "name": "Willie'S Steak House" }
_id": ObjectId("Sa8cb8b88cdfcle8d4fSaf7a"), "borough": "Manhattan", "cuisine": "American ", "name"
Willis North America" }
_id": ObjectId("Sa8cb8b88cdfcle8d4fSaf7b"), "borough": "Brooklyn", "cuisine": "American ", "name"
illburg Cafe" }
_id": ObjectId("Sa8cb8b88cdfcle8d4fSaf7b"), "borough": "Brooklyn", "cuisine": "American ", "name":
illburg Cafe" }
_id": ObjectId("Sa8cb8b88cdfcle8d4fSaf7b"), "borough": "Brooklyn", "cuisine": "American ", "name":
```

(17) Sorted by name

(18) Sorted by two fields

(19) Check if the street name shows up

(20) Using an index for a query

```
Type "it" for more

> db.restaurants.createIndex({ "name": 1, "cuisine": 1 }) {

    "createGCollectionAutomatically" : false,
    "numIndexesBefore" : 1,
    "numIndexesAfter" : 2,
    "ok" : 1

} db.restaurants.find(
... { sand: [
... { "name": { sregex: /"Wil.*/ } },
... { sor: [
... { "cuisine": { snot: /"[American].*$/ } },
... { "cuisine": { snot: /"[Chinese]$/ } }
... { "cuisine": { snot: /"[Chinese]$/ } }
... { "di: 1, name: 1, borough: 1, cuisine: 1 }
... }
... { _id: 1, name: 1, borough: 1, cuisine: 1 }
... }
... { _id: 0bjectId("5a8cb8b88cdfcle8d4f5a116"), "borough": "Bronx", "cuisine": "Pizza", "name": "Wilbe 1 Pizza" }
    { _idi": 0bjectId("5a8cb8b8cdfcle8d4f5a15"), "borough": "Bronx", "cuisine": "Pizza", "name": "Wild Asia" }
    { _idi": 0bjectId("5a8cb8b88cdfcle8d4f5a34"), "borough": "Brooklyn", "cuisine": "Bagels/Pretzels", "name": "Wild Bagels" }
    { _idi": 0bjectId("Sa8cb8b88cdfcle8d4f5a352"), "borough": "Queens", "cuisine": "Seafood", "name": "Wild Cherry" }
    { _idi": 0bjectId("Sa8cb8b88cdfcle8d4f5a352"), "borough": "Manhattan", "cuisine": "Seafood", "name": "Wild Gioles" }
    { _idi: 0bjectId("Sa8cb8b88cdfcle8d4f5a367"), "borough": "Brooklyn", "cuisine": "Seafood", "name": "Wild Gioles" }
    { _idi: 0bjectId("Sa8cb8b88cdfcle8d4f5a367"), "borough": "Brooklyn", "cuisine": "Seafood", "name": "Wild Gioles" }
    { _idi: 0bjectId("Sa8cb8b88cdfcle8d4f5a367"), "borough": "Brooklyn", "cuisine": "Seafood", "name": "Wild Gioles" }
    { _idi: 0bjectId("Sa8cb8b88cdfcle8d4f5a367"), "borough": "Brooklyn", "cuisine": "Seafood", "name": "Wild Gioles" }
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    { _idi: 0bjectId("Sa8cb8b89cdfcle8d4f5a48"), "borough": "Brooklyn", "cuisine": "Seafood", "name": "Wild Gioles" }
    { _idi: 0bjectId("Sa8cb8b89cdfcle8d4f5a48"), "borough": "Brooklyn", "cuisine": "Seafood", "name
```

Indexing allows to created a minimal representation of a whole dataset. This allows the database to get through much faster a set of information

Annotation:

I figured out that wanted the restaurant_id key opposed to _id; my bad, I got that one wrong. Of course one could match/sort against the restaurant_id as well.