2274802010922 – Ô Bảo Trí – Lab 1

4. Hiển thị các key restaurant\_id, name, borough, cuisine mà không hiển thị id

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5. Hiển thị tất cả restaurant có borough là Bronx

db["Ha Chien"].find({borough:"Bronx"})

Ket qua:

{

\_id: ObjectId('6782187a83e2c788dfd5491e'),

address: {

building: '1007',

coord: [

-73.856077,

40.848447

],

street: 'Morris Park Ave',

zipcode: '10462'

},

borough: 'Bronx',

cuisine: 'Bakery',

grades: [

{

date: 2014-03-03T00:00:00.000Z,

grade: 'A',

score: 2

},

{

date: 2013-09-11T00:00:00.000Z,

grade: 'A',

score: 6

},

{

date: 2013-01-24T00:00:00.000Z,

grade: 'A',

score: 10

},

{

date: 2011-11-23T00:00:00.000Z,

grade: 'A',

score: 9

},

{

date: 2011-03-10T00:00:00.000Z,

grade: 'B',

score: 14

}

],

name: 'Morris Park Bake Shop',

restaurant\_id: '30075445'

}

6. Hiển thị 5 restaurant đầu tiên có borough là Bronx

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7. Hiển thị 5 restaurant tiếp theo sau khi đã bỏ qua 5 restaurant đầu có borough là Bronx

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8. Cho biết những restaurant có điểm số > 90

db["Restaurant"].find({"grades.score":{$gt:90}})

{

\_id: ObjectId('6782187a83e2c788dfd54a7c'),

address: {

building: '65',

coord: [

-73.9782725,

40.7624022

],

street: 'West 54 Street',

zipcode: '10019'

},

borough: 'Manhattan',

cuisine: 'American ',

grades: [

{

date: 2014-08-22T00:00:00.000Z,

grade: 'A',

score: 11

},

{

date: 2014-03-28T00:00:00.000Z,

grade: 'C',

score: 131

},

{

date: 2013-09-25T00:00:00.000Z,

grade: 'A',

score: 11

},

{

date: 2013-04-08T00:00:00.000Z,

grade: 'B',

score: 25

},

{

date: 2012-10-15T00:00:00.000Z,

grade: 'A',

score: 11

},

{

date: 2011-10-19T00:00:00.000Z,

grade: 'A',

score: 13

}

],

name: "Murals On 54/Randolphs'S",

restaurant\_id: '40372466'

}

9. Cho biết những restaurant có điểm số > 80 và < 100

db["Restaurant"].find({"grades.score":{$gt:80,$lt:100}})

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10. Cho biết restaurant có tung độ (latitude) < -95.754.168

Không có kết quả

11. Cho biết restaurant có borough là Brooklyn và có cuisine là American

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A computer code with many colorful text

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A computer code with green and blue text

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12. Cho biết restaurant có borough là Manhattan và có grade là A

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13. Cho biết có bao nhiêu restaurant theo borough

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14. Cho biết tổng số score của các restaurant theo borough

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15. Cho biết tổng số score của các restaurant theo borough và chỉ lấy những score > 50

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16. Cho biết tổng số score cho từng restaurant

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17. Cho biết số đánh giá (grade) của các restaurant theo từng borough

db["Restaurant"].aggregate([

{ $unwind: "$grades" },

{ $group: { \_id: "$borough", total\_grades: { $sum: 1 } } }

])

Kết quả:

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18. Cho biết số đánh giá (grade) của từng restaurant.

db["Restaurant"].aggregate([

{ $unwind: "$grades" },

{ $group: { \_id: "$name", total\_grades: { $sum: 1 } } }

])

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