

- 1) Find all the documents in the collection restaurants.

Query: `db.restaurants.find({});`

Result: query\_1.json

- 2) Find the fields restaurant\_id, name, borough, and cuisine for all the documents in the collection restaurant.

Query:

```
db.restaurants.find(
  {},
  {"restaurant_id": 1,
   "name":1,"borough":1,
   "cuisine" :1})
```

Result: query\_2.json

- 3) Find the first 5 restaurants which are in the borough Bronx.

Query:

```
db.restaurants.find(
  {borough: 'Bronx'}
).limit(5)
```

Result: query\_3.json

- 4) Find the restaurant Id, name, borough, and cuisine for those restaurants which prepared dish except 'American' and 'Chinese' or restaurant's name begins with letter 'Wil'.

Query:

```
db.restaurants.find(
  {$or: [
    { name: RegExp('^Wil') },
    { $and: [
      { cuisine: { $ne: 'American ' } },
      { cuisine: { $ne: 'Chinese' } } ] ] } },
  {restaurant_id: 1,name: 1,borough: 1,cuisine: 1}
)
```

Result: query\_4.json

- 5) Find the restaurant name, borough, longitude and attitude, and cuisine for those restaurants which contain 'mon' as three letters somewhere in its name.

Query:

```
db.restaurants.find(
  {name: {$regex: 'mon.*', $options: 'i'}},
  {name: 1,borough: 1,'address.coord': 1,cuisine: 1}
)
```

Result: query\_5.json

- 6) Find the restaurant Id, name, borough, and cuisine for those restaurants which belong to the borough Staten Island or Queens or Bronx or Brooklyn.

Query:

```
db.restaurants.find(
  {borough: {$in: [ 'Staten Island', 'Queens', 'Bronx', 'Brooklyn' ] } },
  {restaurant_id: 1,name: 1,borough: 1,cuisine: 1}
)
```

Result: query\_6.json