Create additional sharded collections

Create additional collections:

Open windows cmd prompt   and connect to mongos

mongo --port 27200
mongos> use mongoMart
switched to db mongoMart

mongos> sh.shardCollection("mongoMart.restaurants",{"_id":"hashed"})

Open another windows cmd prompt and run import as :

mongoimport --port 27200   --db mongoMart --collection restaurants --file restaurants.json

2021-05-24T11:32:59.200-0400   connected to: mongodb://localhost:27200/
2021-05-24T11:33:02.200-0400   [#.....................] mongoMart.restaurants   7.56MB/144MB
(5.3%)
2021-05-24T11:33:05.200-0400   [##....................] mongoMart.restaurants
13.8MB/144MB (9.6%)
2021-05-24T11:33:08.200-0400   [##....................] mongoMart.restaurants
16.1MB/144MB (11.2%)
2021-05-24T11:33:11.200-0400   [###...................] mongoMart.restaurants
21.9MB/144MB (15.2%)
2021-05-24T11:33:14.201-0400   [####..................] mongoMart.restaurants
26.9MB/144MB (18.7%)
2021-05-24T11:33:17.200-0400   [#####.................] mongoMart.restaurants
34.7MB/144MB (24.1%)
2021-05-24T11:33:20.201-0400   [######................] mongoMart.restaurants
42.6MB/144MB (29.7%)
2021-05-24T11:33:23.201-0400   [#######...............] mongoMart.restaurants
50.0MB/144MB (34.8%)
2021-05-24T11:33:26.200-0400   [########..............] mongoMart.restaurants
55.0MB/144MB (38.3%)
2021-05-24T11:33:29.200-0400   [#########.............] mongoMart.restaurants
61.5MB/144MB (42.8%)
2021-05-24T11:33:32.201-0400   [##########............] mongoMart.restaurants
67.0MB/144MB (46.6%)
2021-05-24T11:33:35.200-0400   [###########...........] mongoMart.restaurants
74.4MB/144MB (51.8%)

2021-05-24T11:33:38.201-0400   [#############...........] mongoMart.restaurants 82.3MB/144MB (57.3%)
2021-05-24T11:33:41.202-0400   [##############.........] mongoMart.restaurants 90.3MB/144MB (62.8%)
2021-05-24T11:33:44.201-0400   [###############........] mongoMart.restaurants 98.2MB/144MB (68.3%)
2021-05-24T11:33:47.200-0400   [################.......] mongoMart.restaurants 104MB/144MB (72.6%)
2021-05-24T11:33:50.201-0400   [#################......] mongoMart.restaurants 110MB/144MB (76.4%)
2021-05-24T11:33:53.200-0400   [##################.....] mongoMart.restaurants 115MB/144MB (79.8%)
2021-05-24T11:33:56.200-0400   [###################....] mongoMart.restaurants 120MB/144MB (83.4%)
2021-05-24T11:33:59.201-0400   [####################...] mongoMart.restaurants 126MB/144MB (87.8%)
2021-05-24T11:34:02.200-0400   [#####################..] mongoMart.restaurants 134MB/144MB (93.3%)
2021-05-24T11:34:05.200-0400   [######################.] mongoMart.restaurants 140MB/144MB (97.7%)
2021-05-24T11:34:07.325-0400   [#######################] mongoMart.restaurants 144MB/144MB (100.0%)
2021-05-24T11:34:07.325-0400   1000000 document(s) imported successfully. 0 document(s) failed to import

Verify shard distibution

mongos> **db.restaurants.getShardDistribution()**

mongos> **sh.shardCollection("mongoMart.orders",{"_id":"hashed"})**
(you can use `order_id as shard key and create unique index on order_id`)

Open another windows cmd prompt and run import as :

mongoimport --port 27200   --db mongoMart   --collection order --file orders_202102171510.json

mongos> **db.orders.getShardDistribution()**