**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()**