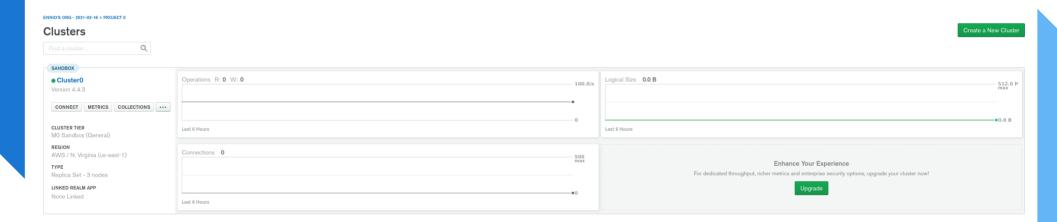
# BTS – MBDS Big Data Infrastructure

A2: MongoDB and DataBricks

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## MongoDB

#### MongoDB cluster creation



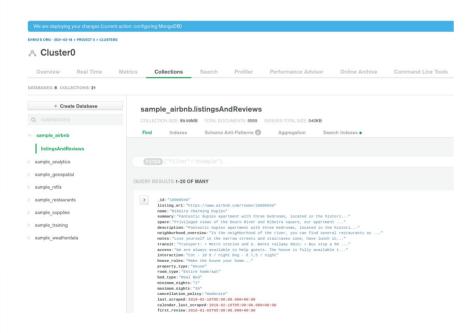
## MongoDB

Installed mongodb shell tool

```
mongo --version
MongoDB shell version v4.4.4
Build Info: {
   "version": "4.4.4",
   "gitVersion": "8db30a63db1a9d84bdcad0c83369623f708e0397",
   "openSSLVersion": "OpenSSL 1.1.1f 31 Mar 2020",
   "modules": [],
   "allocator": "tcmalloc",
   "environment": {
       "distmod": "ubuntu2004",
       "distarch": "x86_64",
       "target_arch": "x86_64"
                                                                   100% 🚺 < 14:24:02 💇
```

### MongoDB

Loaded sample data\_set from mongodb for testing connection.



```
mongo "mongodb+srv://cluster0.u6kds.mongodb.net/sample_airbnb" --username
    "modules": [].
    "allocator": "tcmalloc",
    "environment": {
        "distmod": "ubuntu2004",
        "distarch": "x86 64",
        "target_arch": "x86_64"
  mongo "mongodb+srv://cluster0.u6kds.mongodb.net/sample_airbnb" --username admin
MongoDB shell version v4.4.4
Enter password:
connecting to: mongodb://cluster0-shard-00-00.u6kds.mongodb.net:27017.cluster0-shard-00-02
.u6kds.mongodb.net:27017,cluster0-shard-00-01.u6kds.mongodb.net:27017/sample airbnb?authSo
urce=admin&compressors=disabled&gssapiServiceName=mongodb&replicaSet=atlas-8ew6zh-shard-0&
ssl=true
Implicit session: session { "id" : UUID("e1ae8314-5b29-44c3-bc64-58fb88d6e493") }
MongoDB server version: 4.4.3
Welcome to the MongoDB shell.
For interactive help, type "help".
For more comprehensive documentation, see
        https://docs.mongodb.com/
Questions? Try the MongoDB Developer Community Forums
       https://community.mongodb.com
MongoDB Enterprise atlas-8ew6zh-shard-0:PRIMARY>
```

#### MongoDB on DataBricks

Connect MongoDB to DataBricks followed this guide:

https://docs.databricks.com/data/data-sources/mongodb.html

