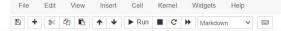


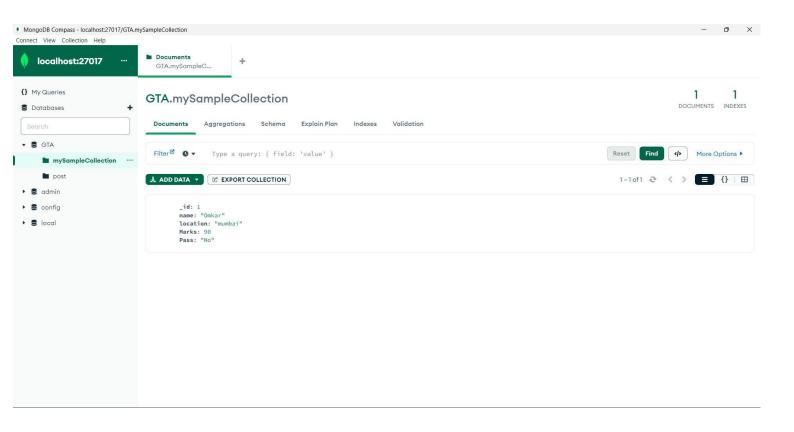
Python 3 (ipykernel) O

Logout

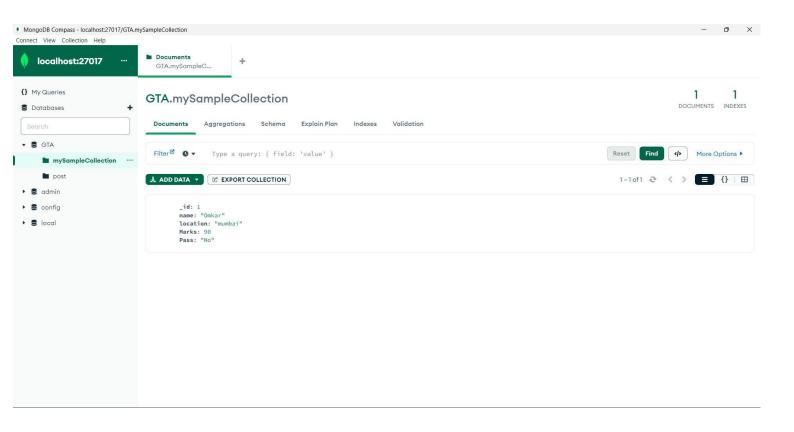


## Atharva Pawar - Comps-A [Batch-D] BDA - EXP - 5 : MongoDB CRUD Cmds In [10]: # pip install pymongo client = pymongo.MongoClient("mongodb://localhost:27017/") In [11]: db = client['GTA'] collection = db['mySampleCollection'] Insert In [12]: new student = {'\_id':1, 'name':'Omkar','location':'mumbai', 'Marks': 90, 'Pass':'No'} collection.insert\_one(new\_student) Out[12]: <pymongo.results.InsertOneResult at 0x2574ac0e050> find() In [9]: all\_students = collection.find() for item in all\_students: print(item) ${'\_id': 5, 'name': 'Gtapawar', 'location': 'pune', 'Marks': 34}$ ${'\_id': 1, 'name': 'Omkar', 'location': 'mumbai', 'Marks': 46}$ In [7]: specific\_student = collection.find\_one({'name': 'Omkar'}) print(specific\_student) {'\_id': 1, 'name': 'Omkar', 'location': 'mumbai', 'Marks': 90} update\_one() or update\_many() In [8]: # Update a single document collection.update\_one({'name': 'Omkar'}, {'\$set': {'Marks': 46}}) Out[8]: <pymongo.results.UpdateResult at 0x2574ac0df90> In [ ]: # Update multiple documents collection.update\_many({'Marks': {'\$lt': 34}}, {'\$set': {'status': 'pass'}}) In [29]: all\_students = collection.find() for item in all\_students: print(item) {'\_id': 1, 'name': 'Gtapawar', 'location': 'pune', 'Marks': 341234} {'\_id': 2, 'name': 'Gtapawar1', 'location': 'pune1', 'Marks': 342} {'\_id': 3, 'name': 'Gtapawar2', 'location': 'pune2', 'Marks': 342} Delete In [24]: collection.delete\_one({'Marks': 34}) Out[24]: <pymongo.results.DeleteResult at 0x1afb7e79db0> In [28]: collection.delete many({'Marks': {'\$lt': 342}}) Out[28]: <pymongo.results.DeleteResult at 0x1afb7e79d80> In [31]: # Count docs print(collection.count\_documents({}))

## **MongoDB Compass (Local)**



## **MongoDB Compass (Local)**



N Mark St. of Black					
	Athania Præshant Pawar (9427) [Batch-D]				
	BDA EXP-5				
09	Explain the Built-An Functions in Nosqu?				
<b>Q1</b> .	Explois) The Bull 100 Functions				
A .	Built - in Functions in NOSQL?				
La ferre ?	Nosqu databases are designed to handle vast amounts				
	of unstructured or semi-structured data. They offer				
	built-in directions to perstorm various operations on				
	this data.				
	Mangalls, Court Reserve Court DR				
В.	Ouerying & Aggregation:				
0	Builtin functions support querying & aggregation tesks				
4.0	stroilars to traditional databases, even though data may				
A. D. Curre	to stored differently.				
The same	Functions help extract, filter & aggregate date for				
	analysis & reporting.				
C.	Data Transformation:				
30 230	Buit in functions enable data transformation directly				
	within the database. Functions can convert docter types,				
	manipulate strings & perform mathematical operations.				
0	the part of the second of the				
D.	Geospatial Operations:				
	NOSOL database often store location-based dater Builtin				
	familions support geospectical quesies & calculations.				
	Functions can find nearby locations, calculate distances				
	2 perform polygon eperations.				
100000000000000000000000000000000000000	Company Control Color of March Control				
₽.	Text Search & Analysis:				
	thomy NOSOL database Prochede full-text search capabilities.				
	Builtin trenctions allow searching for keywoods, phrases,				
	or patterns within text fields.				
	FOR EDUCATIONAL USE				

FOR EDUCATIONAL USE