

# Essential MongoDB Commands using PyMongo

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Below is a curated list of common MongoDB commands when working with PyMongo, the Python connector for MongoDB.

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## Mongo Commands

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from pymongo import MongoClient

# Connect to a local MongoDB instance
client = MongoClient("mongodb://localhost:27017/")

# Select a database (creates it if it doesn't exist)
db = client["my_database"]

# Select a collection within the database (creates it if it doesn't exist)
collection = db["my_collection"]

# Insert a single document
document = {"name": "Alice", "age": 30, "city": "New York"}
result = collection.insert_one(document)
print("Inserted document ID:", result.inserted_id)

# Insert multiple documents
documents = [
    {"name": "Bob", "age": 25, "city": "Boston"},
    {"name": "Charlie", "age": 35, "city": "Chicago"}
]
result = collection.insert_many(documents)
print("Inserted document IDs:", result.inserted_ids)

# Find a singular collection
cursor = collection.find({"city": "New York"})
for doc in cursor:
    print(doc)
```