MongoDB Shell Command

# **Database Commands**

## Show All Databases



## Use (or Create) a Database

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## Show Current Database

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## Drop (Delete) a Database

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# **Collections Commands**

## Show All Collections

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## Create a Collection

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Description automatically generated**

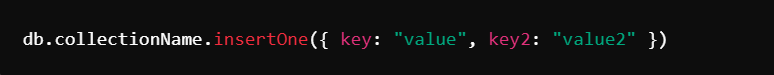
## Drop (Delete) a Collection

## A black background with white text Description automatically generated

# **Document Commands**

# **Insert Operations**

## Insert a Single Document



## Insert Multiple Documents

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Description automatically generated

## (Legacy) Insert Single or Multiple Documents

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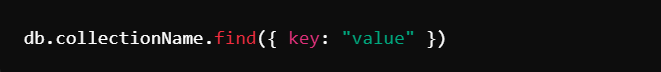
Description automatically generated

# **Find Operations**

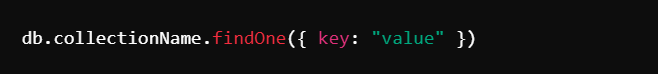
## Find All Documents



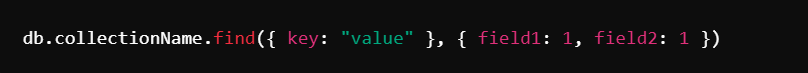
## Find with Query



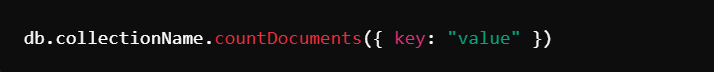
## Find One Document



## Find with Projection (show only selected fields)



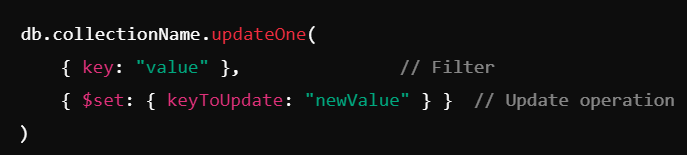
## Count Documents Matching Criteria



# **Update Operations**

## Update a Single Document

Using $set to Modify Specific Fields



Using $inc to Increment Numeric Fields

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Using $unset to Remove a Field

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Description automatically generated

Using $rename to Rename a Field

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Description automatically generated

## Update Multiple Documents

Using $set to Modify Fields in Multiple Documents

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Description automatically generated

Using $inc to Increment Numeric Fields

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Description automatically generated

## Replace Entire Document

Replaces the entire document with a new one.

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## Upsert (Update or Insert if Not Found)

Update or Insert a Single Document

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## Update or Insert Multiple Documents

* Not commonly used; mostly updateOne is used with upsert.

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Description automatically generated

## Array Update Operations

Add an Element to an Array ($push)

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Add Multiple Elements to an Array ($each)

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Description automatically generated

Remove an Element from an Array ($pull)

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Description automatically generated

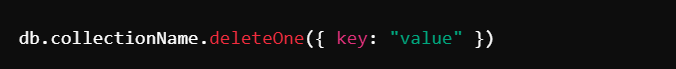
Remove Elements Matching a Condition ($pull)

A black screen with white text

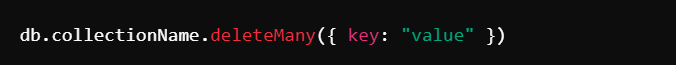
Description automatically generated

# Delete Operations

## Delete a Single Document



## Delete Multiple Documents



## Delete All Documents

