



how to create a like query in mongodb

To create a "like" query in MongoDB, similar to SQL's LIKE operator, you can use MongoDB's \$regex operator, which allows for pattern matching using regular expressions. This is the primary way to perform "like" searches in MongoDB.

Basic Syntax for a "like" query in MongoDB

```
db.collection.find({ "field": { $regex: /pattern/, $options: 'i' } });
```

- **field:** The field in the document to search.
- **pattern:** The regex pattern to match (for example, "text" to match any occurrence of "text").
- **\$options: 'i':** Makes the search case-insensitive (optional).

Examples

- Find documents where the name field contains "m" anywhere (case-insensitive):

```
db.users.find({ name: { $regex: /m/, $options: 'i' } });
```

- Find documents where the position field contains "developer" (case-sensitive):

```
db.employee.find({ position: { $regex: "developer" } });
```

- Find documents where the name starts with "B":

```
db.employee.find({ name: { $regex: "^B" } });
```

- Find documents where the name ends with "e":

```
db.employee.find({ name: { $regex: "e$" } });
```

Notes

- MongoDB regex queries allow more advanced and flexible pattern matching than SQL LIKE.
- Regex is case-sensitive by default; the \$options: 'i' flag can be used for case-insensitivity.
- Using \$regex is the closest equivalent to SQL's LIKE operation in MongoDB.

This method is widely used for filtering document fields using substring or pattern matching similar to LIKE queries in SQL databases.[\[1\]](#) [\[2\]](#) [\[3\]](#) [\[4\]](#)

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1. <https://stackoverflow.com/questions/3305561/how-to-query-mongodb-with-like>
2. <https://www.geeksforgeeks.org/mongodb/how-to-query-mongodb-with-like/>
3. <https://www.geeksforgeeks.org/mongodb/mongodb-regex/>
4. <https://www.mongodb.com/docs/manual/reference/operator/query/regex/>
5. https://studio3t.com/whats-new/how-do-i-use-mongodb-regex-regular-expressions-in-studio-3t-studio3t_ama/
6. <https://www.mongodb.com/community/forums/t/using-compass-to-filter-like-query/13812/2>
7. <https://www.mongodb.com/community/forums/t/combine-text-with-regex/153083>
8. <https://www.mongodb.com/docs/compass/query/filter/>
9. <https://www.mongodb.com/community/forums/t/case-insensitive-search-with-regex/120598>
10. <https://www.educative.io/answers/how-to-query-mongodb-with-like>
11. <https://www.simplilearn.com/tutorials/mongodb-tutorial/mongodb-regex>
12. <https://www.mongodb.com/docs/atlas/atlas-search/regex/>
13. <https://www.mongodb.com/docs/manual/tutorial/query-documents/>
14. <https://www.atlassian.com/data/databases/how-to-use-a-sql-like-statement-in-mongodb>
15. <https://www.mongodb.com/community/forums/t/using-compass-to-filter-like-query/13812>
16. <https://stackoverflow.com/questions/47356919/how-to-use-regex-in-mongodb-query-with-string-variable>
17. <https://www.mongodb.com/community/forums/t/query-a-string-with-like/163355>