



# MongoDB Natural Language Query Generator

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sample\_data.csv 0.8KB



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## Data Preview

	ProductID	ProductName	Category	Price	Rating	ReviewCount	Stock	Discount
0	101	Wireless Mouse	Electronics	25.99	4.5	200	150	10%
1	102	Gaming Keyboard	Electronics	75.49	4.7	350	85	5%
2	103	Noise Cancelling Headphones	Electronics	199.99	4.8	125	60	15%
3	104	Running Shoes	Sports	49.99	4.3	500	200	20%
4	105	Smartwatch	Electronics	159.99	4.6	220	45	10%

CSV file stored as data/input\_111.csv

Data inserted into MongoDB.



Select a column for querying:

Stock



Enter your natural language question:

what are the products with stock greater than 20?

Run Query

Generated MongoDB Query

```
db.collection.find({"Stock": {"$gt": 20}}).limit(1000).toArray()
```

## Query Results

	_id	ProductID	ProductName	Category	Price	Rating
0	68395f49d7db9cb51aa10ed9	101	Wireless Mouse	Electronics	25.99	4
1	68395f49d7db9cb51aa10eda	102	Gaming Keyboard	Electronics	75.49	4
2	68395f49d7db9cb51aa10edb	103	Noise Cancelling Headphones	Electronics	199.99	4
3	68395f49d7db9cb51aa10edc	104	Running Shoes	Sports	49.99	4
4	68395f49d7db9cb51aa10edd	105	Smartwatch	Electronics	159.99	4
5	68395f49d7db9cb51aa10ede	106	Blender	Home & Kitchen	39.99	4
6	68395f49d7db9cb51aa10edf	107	Coffee Maker	Home & Kitchen	89.99	4
7	68395f49d7db9cb51aa10ee0	108	Yoga Mat	Sports	29.99	4
8	68395f49d7db9cb51aa10ee1	109	Smart TV	Electronics	399.99	4
9	68395f49d7db9cb51aa10ee2	110	Vacuum Cleaner	Home & Kitchen	129.99	4

CSV file stored as output/output\_111.csv