



MongoDB Natural Language Query Generator

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sample_data.csv 0.8KB



CSV file loaded successfully!



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_99.csv

Data inserted into MongoDB.



Select a column for querying:

Stock



Enter your natural language question:

what are the products with stock less than 200?

Run Query

Generated MongoDB Query

```
db.collection.find({"Stock" : {"$lt" : 200}})
```

✓ Query Results

		Category	Price	Rating	ReviewCount	Stock	Discount	Brand	LaunchDate
0		Electronics	25.99	4.5	200	150	10%	Logitech	15-01-2022
1		Electronics	75.49	4.7	350	85	5%	Corsair	20-11-2021
2	phones	Electronics	199.99	4.8	125	60	15%	Sony	05-09-2021
3		Electronics	159.99	4.6	220	45	10%	Apple	30-03-2022
4		Home & Kitchen	39.99	4.2	180	120	12%	Ninja	25-12-2021
5		Home & Kitchen	89.99	4.1	240	90	8%	Keurig	15-08-2021
6		Electronics	399.99	4.7	150	25	15%	Samsung	10-06-2022
7		Home & Kitchen	129.99	4.3	290	70	10%	Dyson	20-10-2021

CSV file stored as output/output_99.csv