🔍 MongoDB Natural Language Query Generator

📁 Upload your CSV file

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| 📄 | sample_data.csv 0.8KB | ✕ |

CSV file loaded successfully!

📊 Data Preview

	ProductID	ProductName	Category	Price	Rating	ReviewCount	Stock	Discoun
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_45.csv

Data inserted into MongoDB.

📌 Select a column for querying:

Rating	⌄

❓ Enter your natural language question:

what are the products with rating greater than 4.5 ?

Run Query

🧠 Generated MongoDB Query

```
db.collection.find({"Rating": { "$gte": 4.5 }})
```

✅ Query Results

	_id	ProductID	ProductName	Category	Price	Rating	R
0	6824bd40aa34048e7fd5a344	101	Wireless Mouse	Electronics	25.99	4.5	
1	6824bd40aa34048e7fd5a345	102	Gaming Keyboard	Electronics	75.49	4.7	
2	6824bd40aa34048e7fd5a346	103	Noise Cancelling Headphones	Electronics	199.99	4.8	
3	6824bd40aa34048e7fd5a348	105	Smartwatch	Electronics	159.99	4.6	
4	6824bd40aa34048e7fd5a34c	109	Smart TV	Electronics	399.99	4.7	

CSV file stored as output/output_45.csv