

File Edit Selection View Go Run ...

load_csv_to_mongo.py query_with_llm.py llm_query_interface.py llm_mongo_query_tool.py run_query_and_save.py

EXPLORER

OPEN EDITORS

- load_csv_to_mongo.py
- query_with_llm.py
- llm_query_interface.py
- llm_mongo_query_tool.py
- run_query_and_save.py
- sample_products.csv

VSCODE

- cyper.ipynb
- encoded_columns.pkl
- generate_query.py
- gopro.ipynb
- goproject.ipynb
- landt.ipynb
- llm_mongo_query_tool.py
- llm_query_interface.py
- load_csv_to_mongo.py
- output.txt
- Queries_generated.txt
- query_with_llm.py
- random_forest_model.pkl
- rednew1.ipynb
- reviewf.ipynb
- run_query_and_save.py
- run1.ipynb
- sample_products.csv

OUTLINE

TIMELINE

llm_mongo_query_tool.py > main

```
71 def main():
72     query_code = generate_mongo_query(user_question)
73     log_query(user_question, query_code)
74
75     results = run_query(query_code)
76     if not results:
77         print("\n⚠ No matching documents found.")
78         return
79
80     df = pd.DataFrame(results).drop(columns=["_id"], errors="ignore")
81
82     print("\n👉 Choose output format:")
83     print("1. Display in terminal")
84     print("2. Save to CSV")
85
86     choice = input("Enter 1 or 2: ").strip()
87     if choice == "1":
88         print("\n📄 Query Results:\n")
89         print(df.to_markdown(index=False))
90     elif choice == "2":
91         filename = input("Enter filename to save (e.g., test_case1.csv): ").strip()
92         df.to_csv(filename, index=False)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Python + - - - - -
{
  "_id": ObjectId(...),
  "product": {
    "name": "Some Product",
    "rating": 4.0
  }
}
```

Ln 81, Col 24 Spaces: 4 UTF-8 CRLF () Python Auto-Import Completions: true 3.10.11 (.venv: venv)

Type here to search

30°C 23:09 24-05-2025