

㊂ AutoMate Multi-Agent System

Intelligent data analysis with LLM-powered agents



Query Input

Enter your business question:

an overview about product category in state SP



System Status

API Key configured

Data path found

Found 8 data files

View data files



Example Queries

Or choose an example:

Analysis Results

Run Analysis

Analysis Progress

Analysis completed successfully!

[Business Insights & Data Visualizations](#) [Progress Log](#) [Technical Details](#)

Technical Analysis Details

Workflow Execution

	agent	reason
0	data_acquisition	To load and validate the dataset related to product category in state SP
1	eda_agent	To perform an overview and exploratory data analysis on the product category in state SP
2	business_insight_agent	To translate the EDA findings into actionable business insights
3	visualization_agent	To provide visualization support for the business insights

Execution Flow:

```
data_acquisition → eda_agent → business_insight_agent → visualization_agent
```

Quality Metrics

Optimization Cycles [?](#)

0

Quality Approval

N/A

Retry Attempts [?](#)

2

Expected Deliverables

- Exploratory data analysis report on product category in state SP

⌚ Agent Performance Summary

	Agent	Purpose	Visualizations
0	data_acquisition	To load and validate the dataset related to product category in state SP	0
1	eda_agent	To perform an overview and exploratory data analysis on the product category in state SP	0
2	business_insight_agent	To translate the EDA findings into actionable business insights	0
3	visualization_agent	To provide visualization support for the business insights	0

📊 Data Statistics

	Dataset	Rows	Columns	Memory (MB)
0	olist_sellers_dataset	3095	4	0.59
1	product_category_name_translation	71	2	0.01
2	olist_orders_dataset	99441	8	52.94
3	olist_order_items_dataset	112650	7	35.99
4	olist_customers_dataset	99441	5	26.59
5	olist_order_payments_dataset	103886	5	16.23
6	olist_order_reviews_dataset	99224	7	39.12
7	olist_products_dataset	32951	9	6.30

>  View Raw State (JSON)

Multi-Agent Data Science System - Powered by LangGraph & OpenAI
