

Reasoning Based Advanced Analysis

LLM Cost vs Quality Positioning
Multi-Step Database Workflows

High

Top Tier
Claude Sonnet 4.5
GPT-5.1

Cost - USD per 100 Questions

Balanced
GPT-4.1
KIMI 2, Qwen 3 Max,
DeepSeek R1, GLM 4.6

Value
Gemini 2.5 Flash
Gemini 2.0 Flash

Quality Score

Low

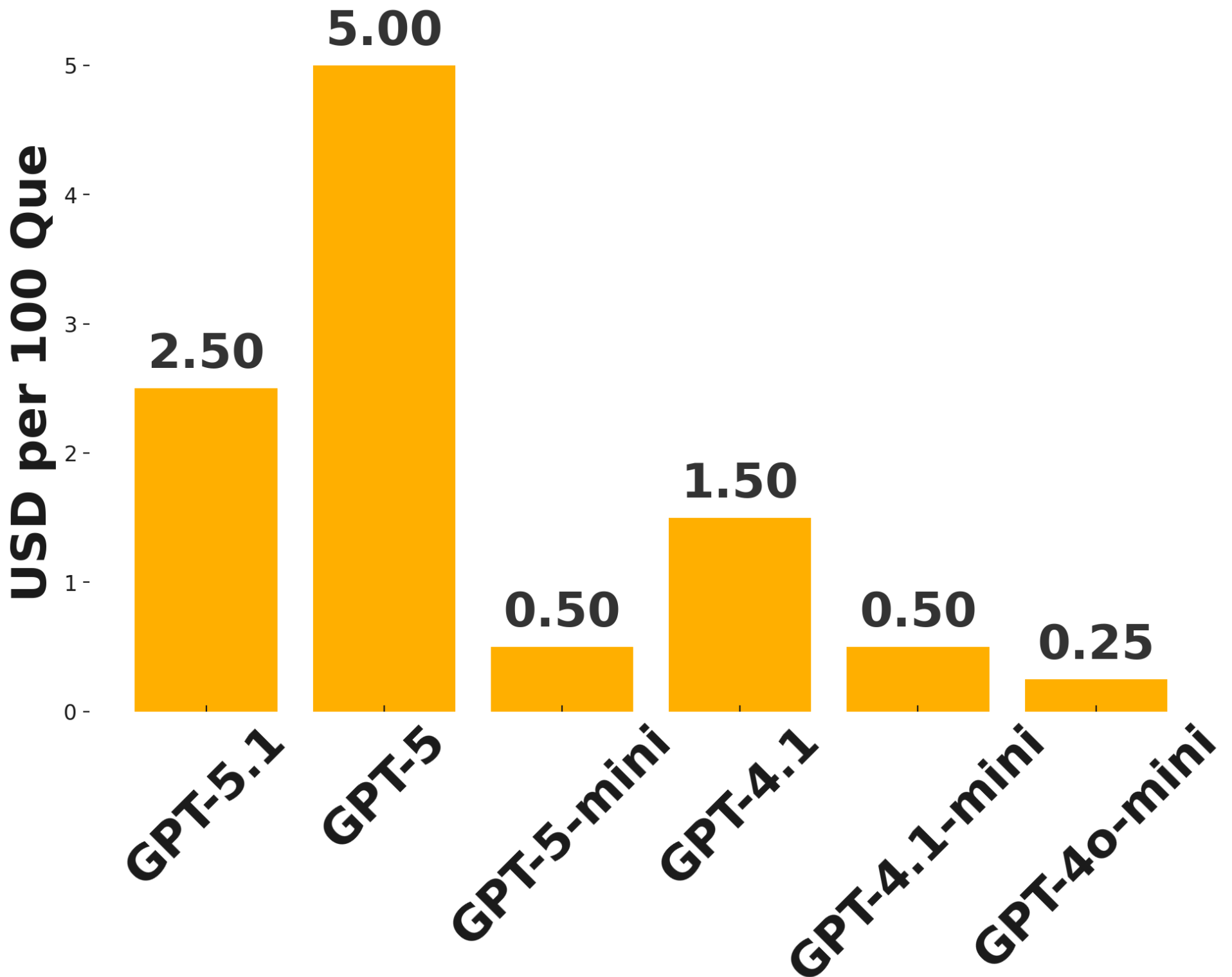
High

Gemini 2.5 /3 Pro, GPT-5 – Avoid. Weak value proposition

Not to scale / Update date : 21st Nov 2025

General Analyst Single Step SQL Agent

~USD per 100 Questions



Update date :7th Dec 2025

LLM Costs : Advanced Analyst

- In multi-step reasoning-based analysis, execution cost is biggest chunk due to multiple tool calls.
- 1 Question = 7-10 SQL Queries / Tool Calls.
- All executions by GPT-4.1.
- Time: ~2-3 mins per que. Can go upto 10m+. Varies by question.

~USD per 100 Questions

Model	Quality Score	Logic USD	Exed. USD	Total USD	Remarks
Gemini 3 Pro	90	7.0	12.5	19.5	Avoid
GPT-5.1	100	7.5	12.5	20.0	High Quality
Gemini Flash 2.0	80	0.3	12.5	12.8	Lowest Cost
Gemini Flash 2.5	85	1.5	12.5	14.0	High Value
Gemini Pro 2.5	90	8.5	12.5	21.0	Avoid
Claude Sonnet 4.5	115	6.5	12.5	19.0	Topmost Quality
DeepSeek R1	85	2.5	12.5	15.0	High Value
Qwen3 Max	85	2.0	12.5	14.5	High Value
KIMI 2 Thinking	90	2.5	12.5	15.0	Top Value
GLM 4.6	85	2.0	12.5	14.5	High Value
GPT-4.1	90	3.0	12.5	15.5	Top Value
GPT-5	95	15.0	12.5	27.5	Avoid

LLM Costs: General Analyst

Cost Per 100 Simple Questions

1 Question = 1 SQL Queries/ Tool Call

Single step: no reasoning step, direct execution

~USD per 100 Questions

Model	USD	Remarks
GPT-5.1	2.50	High Cost. For V.Complex Queries
GPT-5	5.00	Avoid. V. High Cost
GPT-5-mini	0.50	Great for Med Complex Queries
GPT-4.1	1.50	Higher Cost. Great for Complex Executions
GPT- 4.1-mini	0.50	Great for Med Complex Queries.
GPT -4o-mini	0.25	Old Model. Lowest Cost. Fast.

General Analyst : Task Example

Add new columns, Join Tables, Summarize, Create Chart

- Actual vary by use case and the agent setup. Always estimate for your use cases and compare vs. actuals.
- For all estimates – keep in mind that as context increases the cost goes higher
- GPT-4.1-mini is same cost as GPT-5-mini but faster, while GPT-5-mini is better by a small margin only

As of 7th Dec 2025

Advanced Analyst : Task Tested

1. Modelling Data Mart creation.

Using 1M Customer Table and a 10M Transaction Table. Summarizing, creating innovative derived variables and merging. Requiring multi-step execution. Tables on AWS RDS MySQL

2. Weighted Score-Based Ranking

Ranking of Indian credit card issuers - using live RBI Monthly Statistics data. Multi step processing requiring defining scoring methodology, innovative derived variables creation and execution. Table on Supabase

Estimates based on 250+ test run across multi-step advanced analysis and as well as single step general analysis tasks. Always check against your specific use cases.

General Analyst

Single Step SQL Agent

1. OpenAI models most efficient for SQL executions with tool use
2. Avoid GPT-5 – high cost,
3. Avoid GPT-5-nano – high error rate.
4. Choose between the rest depending upon task complexity

In my own live usage, about 80% of work runs through single-step agents. Use single-step wherever possible. Multi-step - reserve for the tough analysis cases.

Available on DATS-4 app

Live model selector with cost and quality guides

The screenshot shows the DATS-4 Database AI Suite interface. A modal dialog titled "Choose Advanced Analyst Agent Framework" is open, displaying a table of AI models. The table has five columns: Reasoning Model, Type, Quality, Cost, and Select. The first row, Gemini 2.0 Flash, is highlighted and has a checked selection circle. Below the table, there is a note about cost variability and a button to "Open Price Guide". At the bottom of the dialog are "Cancel" and "Confirm Selection" buttons.

Reasoning Model	Type	Quality	Cost	Select
Gemini 2.0 Flash	Best Value	75	Lowest	<input checked="" type="radio"/>
Claude 4.5 Sonnet	Topmost Quality	115	High	<input type="radio"/>
Qwen3 Max	Good	80	Low	<input type="radio"/>
GPT-5	Top Quality	95	Volatile	<input type="radio"/>
Deepseek-R1-0158	Great Quality	90	Med	<input type="radio"/>
Gemini 2.5 Flash	Good	75	Low	<input type="radio"/>
GPT-4.1	Great Quality	90	Med	<input type="radio"/>
GLM 4.5	High Variances	80	Low	<input type="radio"/>
Gemini Pro 2.5	Avoid	85	Highest	<input type="radio"/>

Cost varies based on use case and AI setup. Refer attached price study for more details.

[Open Price Guide](#)

[Cancel](#) [Confirm Selection](#)

DATS-4 : Live

app.tigzig.com

→ Database AI & SQL Apps → DATS-4
Database AI Suite

The screenshot shows the landing page of the app.tigzig.com. The browser address bar displays 'https://app.tigzig.com/landing-preview'. The navigation bar includes a hamburger menu, the 'TIGZIG: Co-Analyst' logo, an 'OSS' badge, and several dropdown menus: 'Analyze', 'Tools', 'GPTs', 'xlwings Lite', 'MCP', and 'Voice'. Below the navigation is a search bar with the placeholder text 'Search tools...'. The main content area is titled 'Recent Updates & Featured Apps' and features three columns of featured content:

- Database AI & SQL Apps**
Complete Database AI Suite
Comprehensive database AI tools: DATS-4, ChatGPT connections, Flowise UI, Voice AI
 - DATS-4 Database AI Suite
 - ChatGPT Database Connections
 - Flowise UI Rapid Deploy
- xlwings Lite: Practice Lab**
Learn xlwings Lite with Practical Examples
A Hands-on guide to get up and running fast with xlwings Lite
 - AI-ready instructions & examples
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- Quants & Portfolio Apps**
Run Portfolio Analytics
Quants and Portfolio analysis tools : Performance reports, technical analysis and more
 - Security Performance Report
 - AI Technical Analysis
 - QuantStats Report

- All credentials pass through backend – use test data only
- Free to try
- For live workloads, deploy on your VPN