

Assignment 2 - RAG Chatbot

Group 32

Group Members Name with Student ID:

1. AMIT JAISWAL - 2023aa05292
 2. ASHUTOSH MISHRA - 2023aa05286
 3. RAMIT - 2023aa05730
 4. SACHIN PATHAK - 2023aa05264
 5. ANUKRITI PATHAK - 2023ab05167
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Advanced RAG Techniques - Chunk Merging & Adaptive Retrieval

1. A relevant financial question (high-confidence).

Answer come with Confidence Score = 0.91

→ ↻ ⓘ localhost:8501 🔍 ☆ 🗑️ 🌐 ⋮

Deploy ⋮

Financial RAG Chatbot

Enter your financial question:

How has profit growth trended over the last 10 years?

Search

Answer: TCS Revenue (US\$ Bn) The journey over the past few years has been eventful, starting with supply-chain disruptions in the aftermath of the pandemic, FY 2014 FY 2024 the Russia-Ukraine war that triggered a global energy and food crisis, and a considerable surge in inflation, followed by a The outperformance may be attributed to market share gains globally synchronized monetary policy tightening. The global resulting from TCS' strategy on customer centricity, its agile GDP is estimated to have grown at 3.2% in CY 2023, lower than organization structure, and a very stable leadership team; 3.5% in CY 2022, led by fears of a hard recession. Yet, despite its investments in organic talent development, research and many gloomy predictions, the world avoided a recession, the innovation, intellectual property, brand building, and in building banking system proved largely resilient, and major emerging newer capabilities that have helped expand wallet share with market economies. 2023 in the United States, and several major emerging market and developing economies. However, the rising momentum was TCS' Business not felt everywhere, with notably subdued growth in the euro An Overview area, reflecting weak consumer sentiment, the lingering effects of high energy prices, and weakness in interest-rate-sensitive TCS is an IT services, consulting and business solutions sectors.

Confidence Score: High (0.91)

2. A relevant financial question (low-confidence).

Answer come with Confidence Score = 0.30

localhost:8501

Financial RAG Chatbot

Enter your financial question:

Tata profit growth trended over the next five years?

Search

Answer: Advances Manufacturing 23,491 10.6 • Sustainable fuels, sustainable transportation, sustainable materials, 30.9 circular economy. (21,236) (27.5) • Connected Autonomous Vehicles, Advanced Driver Assistance Systems. • Resilient supply chain, parts track and trace, D2C. • Vertical farming, precision agriculture. • Battery technology, Electric vehicles. • Connected assets and smart plants, factory twin, plant safety and modernization, energy efficiency and decarbonization, emission tracking

Confidence Score: Medium (0.30)

3. An irrelevant question and answer – Invalid question asked relevant question

localhost:8501

Financial RAG Chatbot

Enter your financial question:

Japan total Population ?

Search

Invalid query. Please ask a relevant financial question.