



# Department of Computer Science and Engineering

## The National Institute of Engineering Mysuru -570008



### GeoIntel-X: A Multi-Agent AI System for Geopolitical Intelligence & Strategic Analysis

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#### INTRODUCTION & PROBLEM STATEMENT

##### PROBLEM:

Decision-makers often face "Information Overload." Traditional news aggregators provide raw, fragmented data without context, making it hard to connect global events.

##### SOLUTION:

An automated "Geopolitical Analyst" that uses Multi-Agent AI. It doesn't just read news; it filters noise, scores events by significance, and generates strategic briefings.

#### OBJECTIVES

- **AUTOMATED COLLECTION:** Gather data from News, Conflict and Financial APIs.
- **AI TRIAGE:** A specialized agent scores events (1-100) to filter out noise.
- **STRATEGIC SYNTHESIS:** An "AI Strategy Analyst" correlates political events with market data.

#### WHY US?

- **INTELLIGENT PRIORITIZATION:** Unlike standard news feeds, our Triage Agent scores events, ensuring users only see high-impact geopolitical shifts.
- **MULTI-AGENT SYNTHESIS:** We don't just summarize; we correlate. The Strategy Agent connects political events with financial data to predict market impacts.
- **DEMOCRATIZED INTELLIGENCE:** Provides professional grade strategic analysis, accessible and transparent.

#### SYSTEM ARCHITECTURE & METHODOLOGY

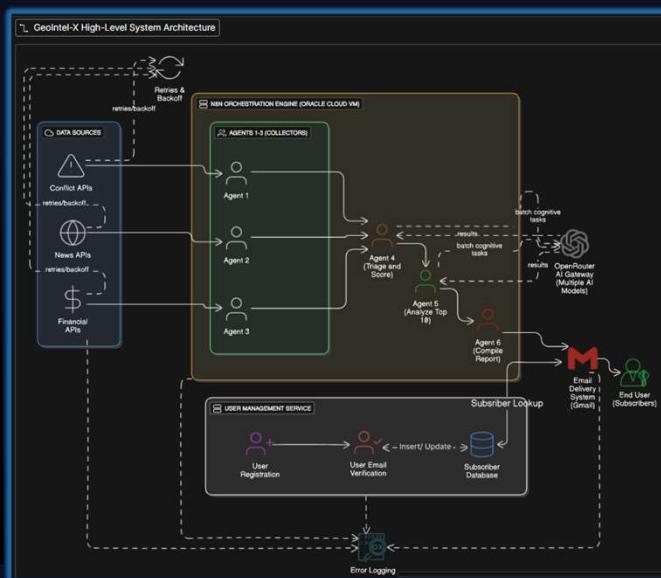
##### TECH STACK



- **Orchestration:** n8n (Workflow Automation).
- **AI Brain:** Gemini 2.5 via API
- **Frontend:** React.js
- **Backend:** Supabase
- **Email Service:** Gmail

##### MAIN COMPONENTS & ARCHITECTURE

- **The Scouts (Collectors):** Three parallel agents fetch raw data from News APIs, Conflict databases, and Stock Markets.
- **The Triage Analyst:** An AI agent reviews every single article. It assigns a "Geopolitical Significance Score." Low-scoring items are discarded.
- **The Strategy Analyst:** Takes the Top 10 events and cross-references them with financial data to write a strategic debrief.
- **The Dispatcher:** Compiles a PDF and emails it to subscribers



#### RESULTS & VISUALS

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CONCLUSION

**GeoIntel-X** transforms information overload into actionable strategic intelligence. It Demonstrates the power of **Gen AI & Workflow Automation** for real world decision making.