The City Has Gone Silent - Can You Be Its Brain?

Context:

- It’s 2:17 AM.
- Flood sensors are screaming in Zone C.
- Hospitals are overflowing.
- A fake tweet claims the mayor said "Do not evacuate."
- Power outages are spreading due to a cyberattack.

The City’s emergency dashboard is down. You’re the last digital line of defense.
No one knows what’s real. No one knows what to do next. **You are the AI. You must decide.**

Your Mission:

Build a next-gen **AI-Powered Crisis Intelligence System** that becomes the thinking brain of a smart city during a multi-disaster scenario.

Your system should:

1. **Predict cascading disasters** (e.g., flood → power outage → hospital overload)
2. **Detect fake news or conflicting information in real time**
3. **Visualize risk zones and live incident maps**
4. **Recommend action plans** (e.g., "Evacuate Zone C, reroute ambulances")
5. **Explain decisions clearly** (so city leaders can trust it)

What You'll Get (Dataset Bundle)

You’ll receive 50,000+ rows of rich, mixed-modality data, including:

- **Sensor Data** (air quality, seismic, flood - some real, some corrupted)
- **Social Media Stream** (real-time tweets + AI-generated fake posts)
- **City Events Calendar** (includes irrelevant distractions)
- **Hospital & Utility Load Logs** (delayed + real-time)
- **GeoJSON Infrastructure Maps** (hospitals, grids, shelters)
- **Economic Indicators** (optional for risk modeling)

What You Need to Do:

- **Fuse** text, geospatial, time-series, and tabular data
- **Build** models to detect misinformation (LLMs or BERT models welcome!)
- **Predict** future failures using time-series/graph models

- **Decide** optimal next actions (rule-based or RL)
- **Visualize** everything in a clean, understandable UI
- **Explain** your system's choices in plain English

Are You Ready to Build the Brain of the City?

If your AI fails, thousands are at risk.

Good luck. The city is counting on you.