

CityPulse AI Analysis Report

Query: Show a map of fire + hazmat incidents in the past 6 hours

Generated:	December 12, 2025 at 01:20 PM
Analysis Type:	Disaster Impact
Data Source:	Local Database
Records Analyzed:	0

Executive Summary

No significant activity detected in the specified timeframe.

Key Insights

1. No significant activity detected in the specified timeframe.

Risk Assessment

Risk Level: MEDIUM

Assessment: Based on current data patterns and distribution.

Recommendations

1. Monitor high-frequency areas for resource allocation
2. Consider temporal patterns for emergency response planning
3. Implement data-driven decision making processes

Data Visualizations

No chart data available for this analysis.

Data Analysis Details

Technical Details

Generated SQL Query

```
SELECT event_type, neighborhood, COUNT(event_id) AS  
incident_count, AVG(latitude) AS latitude, AVG(longitude) AS  
longitude FROM sf_disaster_events WHERE event_type IN ('Fire',  
'Hazmat') AND timestamp >= DATETIME('now', '-6 hours') GROUP BY  
event_type, neighborhood;
```

Query Explanation

The query provides a summary of fire and hazmat incidents in the last 6 hours, showing the number of incidents for each type and neighborhood. It also calculates the average location of these incidents to help visualize them on a map.

Technical Information

This query retrieves the count of fire and hazmat incidents in the past 6 hours, grouped by event type and neighborhood. It also calculates the average latitude and longitude for each group to enable map visualization. The query uses the 'sf_disaster_events' table and filters for events of type 'Fire' or 'Hazmat' that occurred within the last 6 hours.

Data Source: Playground (datafile: 5baf5ba1d4344af3ba0a56d6869f3352)