Certify Intel Error Fixes - Walkthrough

Summary

Fixed 16 identified errors plus 2 test improvements, resulting in 19/19 tests passing (100%).

Key Changes Made

1. AI Executive Summary Enhancement ■

User Request: Make AI summary use real GPT-4, be longer/detailed, show model logo, include chatbox, regenerate on refresh.

Changes:

• [main.py](file:///c:/Users/conno/Downloads/Certify_Health_Intelv1/backend/main.py) - Enhanced `get_dashboard_summary()` function with comprehensive GPT-4 integration

• [index.html](file:///c:/Users/conno/Downloads/Certify_Health_Intelv1/frontend/index.html) - Added model logo, GPT-4 badge, chatbox component

• [app.js](file:///c:/Users/conno/Downloads/Certify_Health_Intelv1/frontend/app.js) - Added `sendAIChat()` and `triggerScrapeAll()` with summary regeneration

• [styles.css](file:///c:/Users/conno/Downloads/Certify_Health_Intelv1/frontend/styles.css) - Added 180+ lines for AI summary styling

Features:

• GPT-4 integration with fallback to automated summary

• Model badge showing which AI generated the summary

• Metadata showing data points analyzed and generation time

• Chatbox for follow-up questions

• Summary regenerates on every "Refresh Data" click

2. Underline Removal ■

User Request: Remove thin underlines beneath section titles.

CSS Added:

```
h2::after, h3::after, h4::after,
.section-title::after, .detail-label::after {
display: none !important;
border-bottom: none !important;
}
```

3. Backend API Fixes ■

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4. Test Improvements ■

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Change Log | Updated to handle `{changes: [...]}` response format

Dashboard Preview

![Dashboard with AI Summary](file:///C:/Users/conno/.gemini/antigravity/brain/fac7866d-915c-482b-8a54-3d81d6bb6b52/initial_dashboard_view_1768770327029.png)

Verification Results

```
============================================================
TEST SUMMARY
============================================================
```

Total Tests: 19
Passed: 19 ■

Failed: 0 ■

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All tests passing:

- ■ API Health
- ■ Competitors List API (87 items)
- ■ Dashboard Stats API
- ■ JSON Export
- ■ Excel Export
- ■ Report Generation (Weekly Briefing + Comparison)
- ■ Battlecard Generation
- ■ Change Log
- ■ Analytics Endpoints (threats, market-share, pricing)
- ■ Competitor CRUD (Create, Read, Delete)
- ■ AI Executive Summary
- ■ Discovery Agent
- ■ Scraper Functionality

Files Modified

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