

OWN SYSTEM

AI ANALYTICS

Business Intelligence System

Business Analytics

Daily AI business report with actionable insights, running on local models.

COREOS Refresh Report

Daily Intelligence

Thursday, January 30, 2025 - Generated at 7:00 AM

TODAY'S FOCUS Top 3 Actions for Business Growth

- 1 Complete Interpassist booking flow MVP** GROWTH
Booking system is 80% complete. Finishing the confirmation emails and calendar sync today enables beta testing this week.
- 2 Publish AI automation video (script ready)** CONTENT
Script for "5 Free AI Tools" video is complete. Record and publish today to maintain weekly posting schedule.
- 3 Follow up with consulting lead (expires Friday)** REVENUE
Prospect from LinkedIn showed interest in automation consulting. Initial budget: \$3K. Send proposal today.

Daily AUTO REPORTS	Top 3 ACTION ITEMS	Cross PLATFORM INSIGHTS
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TIMELINE 4 weeks	KEY RESULT Automated daily intelligence report with zero running cost	TECH STACK Python Ollama PostgreSQL Docker
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The Problem

Business metrics were scattered across multiple platforms analytics dashboards, server logs, social media, marketing tools, and spreadsheets. Getting a unified view required logging into several tools every morning and manually synthesizing the data.

- ! Metrics fragmented across 5+ platforms
- ! No unified view of business performance
- ! Manual data gathering took 45+ minutes daily
- ! Insights were reactive rather than proactive, and problems were spotted too late to act on

The Approach

Rather than building a dashboard (which still requires someone to look at it), the system pushes a daily report that analyzes everything and tells you what matters. The AI does not just summarize data. It identifies trends and recommends actions.

✓ Push-based report delivery (email) instead of pull-based dashboard

✓ Local AI model for analysis to eliminate ongoing costs

✓ PostgreSQL for historical data storage and trend analysis

✓ Modular data collectors so new sources can be added easily

INTENTIONALLY LEFT OUT

Real-time alerting was deferred. The daily cadence covers 90% of the need. Critical alerts (site down, payment failures) are handled by existing monitoring tools.

The Solution

An automated pipeline that collects business data from multiple sources, stores it for trend analysis, and uses AI to generate a morning intelligence report with prioritized action items.

- ✓ Automated data collection from platform APIs
- ✓ Historical data storage for trend analysis
- ✓ AI analysis identifying patterns and anomalies
- ✓ Top 3 actionable items prioritized by business impact
- ✓ Daily email report delivery before the workday starts
- ✓ Week-over-week and month-over-month comparisons

Technical Highlights

Local Ollama model analyzes collected data and generates natural language insights

PostgreSQL stores historical metrics enabling trend detection over time

Modular collector architecture makes adding new data sources straightforward

The Results

The system replaced a 45 minute daily manual process with an automated report that delivers better insights at zero marginal cost.

45min

DAILY TIME SAVED

Cross

PLATFORM INSIGHTS

Top 3

DAILY ACTION ITEMS

Lessons & Takeaways

Push beats pull for busy operators

A dashboard requires discipline to check. A morning email with the top 3 things to focus on actually gets read and acted on.

Historical context makes AI useful

An AI looking at today's numbers can describe them. An AI comparing today to the last 30 days can spot trends. The historical database was the differentiator.

Start with fewer data sources

We launched with 3 data sources and added 2 more after validating the report format. Trying to integrate everything at once would have delayed delivery significantly.

Have a Similar Challenge?

Let's talk about how I can help solve it.

[Start a Conversation](#)