

# AJITH RAMESH

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

Data Analyst with hands-on experience analyzing multi-year business and financial datasets using SQL, Power BI, and Python. Built KPI-driven dashboards and automated reporting workflows that improved reporting efficiency and stakeholder decision-making through data validation, automation, and performance analysis.

## Domain/Functional Areas

- Revenue & Commercial Finance Analytics
- Business Operations Analysis
- FinOps

## Key Skills

**TECHNICAL SKILLS:** Excel – advanced formulas, pivot tables • Power BI – dashboards, modelling • Advanced SQL for analytics • Python – pandas, NumPy, Plotly, Matplotlib • Data cleaning, preprocessing & ETL • Frontend dashboard implementation

**CORE SKILLS:** AI Prompting • Analytical thinking • problem decomposition • Attention to detail • Business acumen & stakeholder management • Communication & data storytelling

## Projects

### Business Insights 360 - Business Intelligence [Project Link](#)

[Power BI, Power Query, DAX]

Dec 2025 - Jan 2026

- Built an end-to-end Power BI solution by transforming ERP and CSV data using Power Query and DAX to track core KPIs, including Net Sales (\$3.7B), Gross Margin (38%), Net Profit (-14%), and Forecast Accuracy (81%).
- Designed executive-ready interactive dashboards with drill-downs and slicers to analyze performance by region, channel, customer, and product, identifying margin leakage and demand-supply gaps.
- Performed variance and exception analysis to uncover forecast errors and inventory risks (Excess Inventory / Out-of-Stock), enabling data-driven pricing, assortment, and planning decisions.

### Expense Tracking Web App - Expense Analytics [Project Link](#)

[Python, pandas, FastAPI, Streamlit, Plotly]

Nov 2025 - Dec 2025

- Built a full-stack expense analytics platform using Python (FastAPI, Streamlit) that automated data ingestion, validation, and JSON-based storage, improving data integrity.
- Developed interactive financial dashboards with Plotly to visualize spending trends and category breakdowns, reducing manual report generation time by 70%.
- Implemented a budget monitoring system with automated alerts, providing actionable insights that demonstrated a potential 15% improvement in monthly savings.

### Crypto View — Real-Time Crypto Dashboard - FinOps [Project Link](#)

[JavaScript, WebSockets, jsPDF]

Oct 2025 - Nov 2025

- Automated ETL pipelines for real-time crypto market data across 10+ assets.
- Built dashboards highlighting key market trends, anomalies, and trading signals.
- Added JSON-based state snapshots for accurate historical analysis.

## Certifications

### • Data Analytics Bootcamp - [Certification Link](#)

**Issued by:** Codebasics    **Issued on:** Sep 2025

### • Gen AI Data Analysis specialization - [Certification Link](#)

**Issued by:** coursera    **Issued on:** Oct 2025

## Education

### Sathyabama Institute of Science and Technology

Chennai, India

B.Sc. - Computer Science - Artificial Intelligence

Aug 2023 - Present

CGPA- 6.74