# AJITH RAMESH

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AI- Assisted Data Analyst with experience in data profiling, reconciliation, ETL workflows, and BI reporting. Proficient in Excel, SQL, Python, and Power BI, leveraging Power Query (M), DAX, and AI-assisted analytics to deliver accurate, scalable, and audit-ready insights.

## DOMAIN    • FinOps - Crypto  • Revenue & Commercial Finance Analytics  • Business Operations Analysis

## TECHNICAL SKILLS

- Excel – advanced formulas, pivot tables
- Power BI – dashboards, modelling, Power Query
- Advanced SQL for analytics
- Python – pandas, Plotly
- 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

## EDUCATION

**B.Sc in Computer Science With AI**
Sathyabama Institute of Science and Technology
CGPA: 6.74/10.00    |    Expected: May 2026

**Higher Secondary - Second Year**
Zion Matriculation Higher Secondary School
Grade: 73.33/100.00    |    May 2023

## PROJECT EXPERIENCE

**Crypto View**                                                     January 2026
**Real-Time Crypto Analytics | JavaScript, HTML, CSS, WebSockets, jsPDF**

- Built a real-time cryptocurrency analytics dashboard to centralize pricing, volatility, and risk signals across multiple digital assets.
- Analyzed live market data streams to compute volatility metrics, price deviations, and microstructure indicators for trend and risk assessment.
- Developed a snapshot-based analytical framework that preserved raw data, derived metrics, and metadata to enable reproducible and time-specific analysis.
- Generated structured PDF and JSON analytical reports that transformed real-time data into auditable insights for monitoring and historical comparison.

**Expense Tracking Web App**                                        December 2025
**expense analytics | Python, Pandas, FastAPI, Streamlit, Plotly**

- Defined the analytical objective to transform raw expense records into actionable insights by structuring data models, metrics, and validation rules aligned with personal finance analysis.
- Built data processing pipelines in Python and Pandas to compute monthly trends, weekly summaries, top-10 expense categories, budget thresholds, and savings rates using a fixed income baseline.
- Developed interactive dashboards and visualizations in Streamlit and Plotly to surface spending patterns, anomalies, and category-level insights for rapid user decision-making.
- Improved data reliability and analytical accuracy by implementing strict schema validation, automated backups, and error handling, ensuring consistent insights across historical and newly ingested records.

**Business Insights 360**                                           November 2025
**Power BI Dashboard | Power BI, Power Query, DAX**

- Analyzed multi-year business performance data to identify trends and gaps across finance, sales, marketing, and supply chain functions using Power BI.
- Developed interactive dashboards with KPIs including net sales, gross margin, net profit, forecast accuracy, and market share segmented by region, customer, product, and time.
- Performed variance, benchmark, and trend analysis to compare actuals versus last year and targets, enabling data-driven performance evaluation.
- Delivered executive-ready insights through drill-down, filtering, and visualization techniques that improved strategic decision-making and reporting efficiency.

## CERTIFICATION

**DATA ANALYTICS BOOTCAMP**
Codebasics    |    September 2025

**GEN AI DATA ANALYST SPECIALIZATION**
Coursera    |    October 2025