Venkata Sathwik Reddy Posimreddy

Business Analyst | Data Analyst | AI & Automation

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SUMMARY

Business Analyst with an MS in Business Analytics (DePaul University) and hands-on experience in requirements gathering, data analysis, data visualization and process improvement. Builds KPI dashboards and reports in SQL, Python, Advanced Excel, Tableau and Power BI; writes BRDs, FRS, user stories and process maps for cross-functional stakeholders in Agile/Scrum teams; and designs AI agents and workflow automation with Claude and LLMs.

EXPERIENCE

Business Analyst | S L R Automotives (Eicher Tractor Dealership), India **Jan 2024 – Jun 2024**

- Analyzed sales, inventory and customer-service data to identify trends, inefficiencies and process improvement opportunities.
- Gathered stakeholder requirements across sales, service and inventory and documented business processes and recommendations.
- Built Advanced Excel reports and KPI dashboards tracking sales performance and operational metrics for data-driven decisions.
- Created process maps and identified repetitive reporting tasks to streamline through automation.

Digital Marketing Intern | Siddartha Voyage, India **Feb 2023 – May 2023**

- Built Tableau dashboards on marketing performance and campaign ROI and presented insights weekly to leadership.
- Wrote SQL queries and Excel models to analyze digital engagement and user retention trends.
- Wrote user stories, process flows and FRS documents for CRM enhancements; helped increase online engagement by 18%.

PROJECTS

Automated Industry Classification System | Morningstar (DePaul MS Capstone) **Mar 2026 – Jun 2026**

- Partnered with Morningstar's RED team in a 5-person Agile/Scrum team to automate GECS classification of 40,000+ companies from SEC filings, replacing a fully manual process.
- Cleaned SEC filing data in Python (duplicates, missing filings, text standardization) and built Tableau and Power BI visualizations of industry distribution to guide modeling decisions.
- Authored the final report and presented results to stakeholders: the FLANG-BERT model reached F1 = 0.78 against a 0.75 target, delivered with a FastAPI service and Streamlit dashboard.

Agent Watch: Claude on a Budget Smartwatch | Personal Project **Oct 2026 – Present**

- Built an end-to-end voice agent that puts Claude on a budget smartwatch: an Android (Kotlin) app, a Bluetooth LE link that replaces the vendor's companion app, and a Claude Code bridge with Gmail, Calendar and Drive connectors; simple answers arrive in about 5 seconds.
- Designed an end-to-end encrypted (P-256 ECDH + AES-GCM) Cloudflare Workers relay and a confirm-before-acting rule for messages, email and calendar changes; built a 25-case voice test set from real failed requests to catch regressions.

ARC Prize 2026: ARC-AGI-3 Kaggle Competition | 2-Person Team **Oct 2026 – Present**

- Building an offline LLM agent that plays unseen interactive puzzle games with no instructions; improved the verified hidden-test score 41% (19.02 to 26.83) in two weeks.
- Validated every change offline before the 1-per-day submission limit and measured a 6–8 point noise floor to separate real gains from random variance.

ReddyOffice: Free Docs and Spreadsheets Suite | Personal Project **Oct 2026 – Present**

- Defined the product vision, target users (students and early-career users aged 13–25), free donation-funded model and v1 requirements for an alternative to Microsoft 365, and wrote the product spec and agent rules for a multi-agent build with Claude Code.
- Directed delivery of a document editor with Word (.docx) import/export, a spreadsheet formula engine with automated tests, sign-in, autosave and version history, across 8 modules with defined interfaces.

EDUCATION

Master of Science in Business Analytics | DePaul University, Chicago, IL **Jul 2026**

Bachelor of Business Administration (Entrepreneurship) | REVA University, India **2023**

SKILLS

Data & Visualization: SQL, Python, R, Advanced Excel, Tableau, Power BI, data cleaning, EDA, KPI dashboards
Business Analysis: Requirements gathering, stakeholder management, BRD/FRS, user stories, process mapping, UAT
Tools & Methods: Agile/Scrum, Jira, Zoho CRM, process improvement, reporting, Microsoft Office
AI & Automation: Generative AI, AI agents, prompt engineering, workflow automation, Claude Code, MCP, LLMs
Certifications: SQL Course (SIT), Small Business Management (Saylor), Digital Marketing (Unschool)