

KARAN PATEL

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PROFESSIONAL SUMMARY

Business Analyst / Data Analyst with 3+ years of experience gathering requirements, validating data, and building KPI frameworks, dashboards, and functional reports for cross-functional stakeholders. Skilled in requirements documentation, process mapping, data validation, root-cause analysis, and Agile delivery. Proven track record improving data quality, operational reporting, and process efficiency (up to 15% cycle-time reduction) across retail, nonprofit, and technology environments. Proficient in SQL, Python, Tableau, and Power BI.

CORE SKILLS

- Requirements & Analysis: requirements gathering, functional specifications, process mapping, data mapping & validation, requirements traceability, gap analysis, UAT support
- Analytics & BI: Tableau, Power BI, Excel (advanced), dashboard design, KPI framework development, reporting automation
- Databases & SQL: MySQL, MongoDB, complex SQL queries, data warehouse environments
- Programming: Python (Pandas, NumPy, scikit-learn, Matplotlib), ETL scripting and automation
- Methods & Tools: Agile delivery, root-cause analysis, SLA tracking, stakeholder facilitation, continuous improvement (PDCA), GitHub, Airtable, AWS S3, Postman

PROFESSIONAL EXPERIENCE

Data Analyst Intern — Voluntary Nature Conservancy

Rudolph, USA | Jan 2026 – Present

- Gathered requirements from non-technical program managers and developed 24 operational dashboards and 35 ad-hoc reports in Power BI and Excel to track KPIs, throughput, and data quality rates.
- Performed data validation and root-cause analysis on data quality issues and process delays; supported governance policies that improved completeness and consistency of operational reporting.
- Facilitated requirements prioritization with operations stakeholders in Agile delivery cycles, ensuring timely delivery of analytics deliverables.

General Merchandise Department Manager — Walmart Canada

Ontario, Canada | Oct 2024 – Present

- Gathered and translated stakeholder requirements into Tableau dashboard specifications tracking sales, task completion, on-shelf availability, and inventory health, enabling real-time corrective action across departments.
- Improved department performance score by conducting root-cause and data validation analysis (bin accuracy, overstock, scanning gaps) and facilitating corrective-action plans with the team.
- Partnered with Assistant Store Managers to define reporting requirements and interpret operational reports, improving inventory accuracy through cross-functional facilitation.
- Led daily operations for a multi-associate team; facilitated stakeholder alignment on priorities, seasonal transitions, and company-wide initiative rollouts.

Data Analyst — Beta Code Technologies

Bangalore, India | Jun 2022 – Jul 2023

- Documented business requirements and built SQL/Python models targeting operational KPIs, achieving a 15% improvement in process cycle times, validated through pre/post-implementation measurement.
- Designed automated monitoring and data validation pipelines to track data quality and error rates, proactively flagging anomalies and supporting root-cause and requirements traceability analysis.
- Produced recurring functional reports and stakeholder presentations in Excel and BI tools, serving as primary point of contact for cross-functional analytics and reporting requests.
- Collaborated with engineering and product teams to translate analytics requirements into production workflows, establishing a single source of truth for operational metrics.

AI Development Intern — GoKidu Technologies Corp.

Ottawa, Canada (Remote) | Aug 2025 – Dec 2025

- Monitored feature performance and validated data quality across production environments, tracking latency, error rates, and reliability metrics to identify and resolve service issues.
- Built and maintained automated data pipelines for real-time inference, managing requirements for data collection, preprocessing, and model update cycles.

SELECTED PROJECTS

- CrocWatch Data Submission Analytics (Apr 2026) — Gathered requirements and designed an end-to-end operational reporting solution tracking submission volume, validation turnaround, reviewer workload, backlog, and SLA adherence; built a relational schema and SQL queries to compute KPIs and developed interactive Power BI/Excel dashboards, reducing validation delays through stakeholder-facing reporting.
- PositionTrackr — Automated Job Scraping & Analysis (Oct 2025) — Developed an automated requirements-driven Python pipeline to collect, classify, and store structured data, reducing manual tracking effort by 80% through process automation and Google Sheets integration.

EDUCATION

- MS, Computer Science — Lakehead University, Thunder Bay, Canada | 2024 | GPA: 3.88/4.0
- B.Tech, Information Technology — Charotar University of Science and Technology, India | 2022 | GPA: 3.80/4.0

CERTIFICATIONS

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| • Preparing Data for Analysis with Microsoft Excel (Certificate) | September 2026 |
| • Oracle Generative AI Professional (Certificate) | October 2025 |
| • Foundations: Data, Data, Everywhere (Certificate) | January 2024 |