

Ravindra Singh Kanyal

Senior Data Analyst · Analytics Engineering · AI-Driven Automation

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PROFESSIONAL SUMMARY

Data Analyst with 6+ years of experience delivering measurable business impact through advanced SQL analytics, Python automation, and Snowflake-based data pipelines. Proven track record at R1 RCM — built automation systems that delivered the equivalent of **4 full-time employee savings**, formally recognised by leadership. Experienced in integrating AI/LLM technologies into production workflows including automated summarisation, anomaly detection commentary, and decision-support reporting. Currently deepening expertise in RAG architecture, LangChain, vector databases, and MLOps.

CORE SKILLS

Analytics & Programming	SQL (Advanced), Python (Pandas, NumPy), Data Modelling
Data Platforms	Snowflake, MySQL, MS Access, Excel (Advanced)
Automation	ETL Pipelines, Reporting Automation, API Integrations, Workflow Scripting
AI / LLM	LLM API Integration, Prompt Engineering, AI-Assisted Reporting, RAG (learning)
BI & Visualisation	Power BI, KPI Dashboards, Data Validation, Stakeholder Reporting
Dev & Tooling	Git / GitHub, Process Improvement, Cross-functional Collaboration

PROFESSIONAL EXPERIENCE

Senior Associate — Data Analytics & Automation

May 2025 – Present

R1 RCM · Delhi, India

- Designed and maintained daily operational reporting pipelines serving multiple business units — ensuring accuracy and on-time delivery at scale across Snowflake and relational datasets.
- Authored advanced SQL queries for data extraction, transformation, validation, and scheduled reporting; reduced query runtimes by restructuring complex joins and indexing strategies.
- Built Python/Pandas automation suite delivering productivity gains equivalent to 4 FTE — formally recognised by leadership as a high-impact contribution.**
- Integrated LLM-assisted workflows and prompt engineering to automate data summarisation, anomaly commentary, and executive-level stakeholder briefings.
- Collaborated cross-functionally with operations and finance teams to translate business requirements into robust, maintainable data solutions.

SQL Python Pandas Snowflake LLM Workflows Prompt Engineering Automation

Freelance — AI-Assisted Market Research & Domain Brokerage

Mar 2021 – Apr 2025

Ampledots.com / Independent

- Independently sourced, evaluated, and brokered high-value domain names using trend analysis, keyword signal tracking, and market-aligned naming research.
- Applied early LLM and AI tooling for trend discovery and domain potential scoring — ahead of mainstream AI adoption in the domain industry.
- Built research workflows integrating API-based data sources to identify naming demand patterns and evaluate emerging keyword demand.

[Research Trend Analysis](#) [LLM Tooling](#) [API Workflows](#) [Data-Driven Decisions](#)

Account Executive — Ad Operations & Data

Jun 2018 – Feb 2021

ABP News Network · Delhi, India

- Managed ad campaign inventory and operational data using Wide Orbit broadcast traffic software — directly supporting revenue operations at scale.
- Wrote SQL for campaign tracking, billing validation, inventory analysis, and sales database reporting.
- Designed Excel KPI dashboards used by senior stakeholders for revenue and inventory decision-making.

[SQL Excel KPI Reporting](#) [Data Cleaning](#) [Wide Orbit](#)

SELECTED PROJECTS

Debias — NLP Evaluation Engine → github.com/NextQubit/debias

Website-first text scanner that detects bias patterns, sweeping claims, and weak logical support in any URL or text body. Built with a FastAPI backend and NLP evaluation pipeline; flags framing bias at speed for journalists and researchers.

[Python FastAPI NLP Bias Detection Web App](#)

CatCipher — Cat Language Translator → catcipher.com

Fully deployed consumer web app converting messages into 8 distinct cat personalities (Hero, Chaos, Royal, Spooky Mrr, etc.) with consistent style per personality. Features live translation, shareable reveal links, and a mascot roster system.

[Web App Language Engine Consumer Product Deployed](#)

AI-Assisted Reporting Automation Suite

Python/Pandas scripts replacing 4 FTE of manual reporting at R1 RCM. Automated ETL, validation, and stakeholder delivery over Snowflake — delivered measurable, formally recognised productivity impact.

[Python Pandas Snowflake SQL Automation](#)

EDUCATION

PGDM — Marketing & Finance	GL Bajaj Institute of Management & Research	2016 – 2018
B.Tech — Computer Science	Graphic Era University	2012 – 2016