# SAGAR KUMAR DALAI

Data Analyst / Automation Engineer / AI Content Creator

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## SUMMARY

Data Analyst and Automation Engineer with hands-on experience across HR, Supply Chain, Operations, Export, Purchase, and Sales domains. Skilled in building real-time Power BI dashboards, automating workflows through Python and web scraping, and transforming ERP data into live, decision-ready systems. Experienced in developing Gen AI and RAG-based solutions, and producing AI-generated video content and high-quality UGC ads. Currently pursuing PGDM in Big Data Analytics and passionate about combining analytical thinking with creative tools like VR, Gravity Sketch, and Metahuman design to deliver measurable business impact.

## EXPERIENCE

**Indian Inovatix Limited** — SEP 2025 — PRESENT

*Data Analyst & Automation Engineer* — Ahmedabad, India

- Designed and deployed real-time KPI dashboards by integrating ERP data streams, converting static reports into live management monitoring systems.
- Built an end-to-end automated attendance scraping pipeline that extracts, processes, and loads daily records into live Power BI dashboards — eliminating manual HR data entry.
- Developed an interactive application featuring a 3D space viewer, enabling customers to explore products and environments in an immersive, real-time visual interface.
- Built an automated lead generation system using external APIs and Google Apps Script, capturing, enriching, and routing qualified leads directly into the sales pipeline.
- Streamlined cross-functional workflows across HR, Supply Chain, Operations, Export, Purchase, and Sales departments, reducing manual effort and errors.
- Conceptualised and executed a VR-based machinery showcase for customers using Gravity Sketch, independently managing ideation, design, and delivery.
- Produced AI-generated video content and high-quality UGC advertisements for product demonstrations and customer engagement initiatives.

**Lead Magnets Pvt. Ltd.** — APR 2025 — AUG 2025

*Data Analyst Intern* — Ahmedabad, India

- Delivered end-to-end analysis of real estate projects covering HR data, customer churn, sentiment, sales funnel, and campaign performance using Power BI and Excel.
- Built automated DAX-driven Power BI dashboards to monitor monthly employee progress and project milestones.

## KEY PROJECTS

**Gen AI Chatbot for Company Internal Use** — JAN — MAR 2025

*LangChain / OpenAI GPT / FAISS / Python*

- Designed a Retrieval-Augmented Generation (RAG) chatbot enabling employees to query internal SOPs, HR policies, and company documents in natural language.

— Built a document ingestion pipeline supporting PDF and DOCX formats with FAISS vector embeddings for context-aware responses; deployed locally for internal testing.

**Covid-19 Global Analysis** MAR — APR 2025

*Microsoft Power BI / DAX*

— Analysed global COVID-19 datasets with advanced DAX measures to build interactive, trend-revealing reports with optimised user interactivity.

**Email Marketing Campaign Analysis** FEB — MAR 2025

*Power BI / Excel*

— Tracked sign-up trends by demographics, activity, and geography to optimise campaign targeting and improve conversion rates.

**India's Richest Individuals — Web Scraping** DEC 2024 — JAN 2025

*Python / BeautifulSoup / Pandas / Matplotlib*

— Scraped wealth data, processed with Pandas, and visualised key insights and patterns through Matplotlib charts.

**Literacy & Population Analysis** SEP — OCT 2024

*Microsoft SQL / Python*

— Merged multi-source datasets to examine district-wise literacy and state-level population figures, surfacing demographic correlations.

**Relational Database System** AUG — SEP 2024

*Microsoft SQL Server*

— Architected a normalised relational database covering Profiles, Tenancy, Housing, Referral, and Employment Status with optimised query performance.

## SKILLS

| | |
|---|---|
| PROGRAMMING | SQL / Python / DAX |
| DATA & BI | Power BI / Microsoft Excel / Data Modelling |
| AI & CONTENT | AI Video Creation / High-Quality UGC Ads / Gen AI / RAG / Metahuman Design / Gravity Sketch / Unreal Engine |
| TOOLS | Virtual Reality / Web Scraping / ERP Systems / Photoshop / Automation |
| SOFT SKILLS | Communication / Teamwork / Presentation |
| LANGUAGES | English / Hindi / Odia |

## EDUCATION

**Adani Institute of Digital Technology Management** JUL 2024 — APR 2026

*PGDM — Big Data Analytics*

**Pt. Ravishankar Shukla University, Raipur** JUL 2019 — JUN 2022

*B.Com (Computer Applications) — 80.94%*

## CERTIFICATIONS

— Power BI Bootcamp: Build Real World Power BI Projects

— Data Visualization with Python — IBM

— AWS Academy Cloud Foundation — AWS
— Python for Data Science — IBM
— SQL and Relational Databases — IBM
— Statistical Analysis Fundamentals Using Excel — Coursera
— Create Charts & Dashboards Using Microsoft Excel — Coursera

## S I M U L A T I O N S  &  A C H I E V E M E N T S

— Tata Consultancy Services — Data Visualization Job Simulation (Forage, Jul 2025)
— Deloitte Australia — Data Analytics Job Simulation (Forage, Jul 2025)
— Gold Medal — State Level Powerlifting Championship
— Volunteer — National Service Scheme (NSS)
— 2nd Position — Word Wiz Competition