

Purushottam Acharya

Data Analyst | Business Intelligence and Automation

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PROFESSIONAL SUMMARY

Results-driven Data Analyst with a strong foundation in Actuarial Science and advanced expertise in Business Intelligence (BI), and process automation. Adept at transforming complex datasets into interactive dashboards and automated reporting systems using Python, Structured Query Language (SQL), and Power BI. Proven track record of enhancing operational efficiency by 15+ hours per week through automation, uncovering actionable business insights, and supporting executive decision-making through rigorous data modeling and advanced analytics.

CORE COMPETENCIES

Data Visualization and Business Intelligence (BI)

Power BI, Data Analysis Expressions (DAX), Tableau, Key Performance Indicator (KPI) Dashboards, Interactive Reporting, Data Modeling

Programming and Databases

Python (Pandas, NumPy, Matplotlib, Seaborn), Structured Query Language (SQL), PostgreSQL, Query Optimization, Common Table Expressions (CTEs), Subqueries, Joins

Extract, Transform, Load (ETL) and Data Engineering

Power Query, Power Pivot, Data Cleaning, Data Extraction, Web Scraping, Web Automation, Data Pipeline Development

Microsoft Excel and Analytics

Advanced Excel, Pivot Tables, VLOOKUP, INDEX-MATCH, Power Query, Power Pivot

TECHNICAL SKILLS

Python | SQL (PostgreSQL) | Power BI | DAX | Power Query | Power Pivot | Tableau | Microsoft Excel | Pandas | NumPy | Matplotlib | Seaborn | Data Visualization | ETL | Data Modeling | Dashboard Development | Web Deployment (Render) | Automation | Statistical Analysis | Financial Reporting

WORK EXPERIENCE

Data Analyst

MORE Group

Kathmandu, Nepal

12/2025 - Present

- Conducted comprehensive sales pipeline analysis using SQL and Power BI, identifying key revenue trends and top-performing products to guide management decisions.
- Built a mobile-first field sales platform for visit, call, and sales logging with admin KPI dashboards, role-based access, RLS-backed PostgreSQL, and Excel export.
- Designed and deployed a web-based Accounts Receivable Ageing Analysis system using Python and Render, enabling real-time tracking of receivables and reducing payment delays through automated alerts.
- Engineered automated reporting pipelines using Python to extract, clean, and transform data via Extract, Transform, Load (ETL) workflows, eliminating manual Excel entry and saving 15+ hours of weekly reporting time.
- Supported account teams in automating NTA reporting workflows, replacing manual Excel processes with streamlined Python-based solutions to improve accuracy, consistency, and turnaround time.
- Developed interactive, Key Performance Indicator (KPI)-driven management dashboards presenting actionable insights on inventory demand forecasting and profitability optimization.
- Performed product performance and party payment analysis to evaluate demand patterns, track overdue accounts, and improve cash flow management.

Freelance Data Analyst

Self-Employed

05/2025 - 12/2025

- Delivered end-to-end Power BI solutions for diverse clients, featuring custom Data Analysis Expressions (DAX) measures, dynamic Power Query transformations, and optimized Power Pivot data models.
- Authored complex, optimized Structured Query Language (SQL) queries incorporating subqueries, Common Table Expressions (CTEs), and advanced joins to improve data extraction speed from legacy databases.
- Built Python scripts leveraging Pandas and NumPy to automate data cleansing workflows for large datasets, ensuring high data integrity for client deliverables.

Actuarial Intern

Pivot Risks Pvt. Ltd.

Kupondole, Nepal

11/2024 - 03/2025

- Assisted in comprehensive risk management research, analyzing historical datasets to provide quantitative support for ongoing actuarial projects.
- Processed high-volume datasets using Advanced Excel and Python, improving the accuracy and turnaround time of internal audit reports.
- Developed interactive Power BI dashboards to visualize key metrics and support data-driven decision-making.
- Managed and queried databases using SQL, ensuring data integrity and accessibility for analytics tasks.

EDUCATION

Bachelor of Science in Actuarial Science

Tribhuvan University (TU) School of Mathematical Sciences

Graduated: 11/2024

Relevant Coursework: Statistics, Mathematics, Finance, Accounting, Investment Analysis, Economics, Risk Management, Business Law, Insurance

KEY PROJECTS

Sales Tracker — Field Sales Platform

- Mobile-first app for FMCG teams to log calls, shop visits, and sales from the field.
- Built with Next.js, TypeScript, and Supabase (PostgreSQL, Auth, RLS).
- Live on Render with admin analytics, targets, and Excel export.

Automated Corporate Sales Dashboard

- Engineered an interactive Business Intelligence (BI) platform using Python and web automation for tracking sales trends, forecasting, and performing Recency, Frequency, Monetary (RFM) customer segmentation.

Python Web Automation System (Ageing Analysis)

- Developed a secure, automated data pipeline to extract, classify, and track accounts receivable ageing categories, enabling proactive payment follow-ups and improved cash flow visibility.

LANGUAGES

English (Fluent) | Nepali (Native) | Hindi (Professional Proficiency)