

Chirag Mohan Bhanushali

DATA ANALYST – Data Cleaning, Data Visualization & Reporting Automation

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📍 [Ontario](#)

in [LinkedIn](#)

🐙 [GitHub](#)

SKILLS

- **Programming Languages:** Python Programming (Pandas, NumPy, Scikit-learn), SQL (PostgreSQL, MySQL)
- **Visualization & Reporting:** Power BI, Tableau, Excel (PivotTables, Power Query, Power Pivot) & Dashboards
- **Libraries & Tools:** Expertise in Matplotlib, Seaborn, Jupyter Notebook, Git, Docker, Spyder, Visual Studio Code
- **Database & ETL:** SQL Server, relational design, data modeling, ETL processes, optimization, performance tuning
- **Cloud & Data Ops:** Microsoft Azure, AWS fundamentals, data cleaning, EDA, structured insight extraction

WORK EXPERIENCE

London Chapter Coordinator (Accessibility & Tech Projects)

March 2025 – Present

Tetra Society of North America

Ontario

- Coordinated 14+ concurrent device builds using Gantt charts, task mapping, increasing project throughput by 46% via calendar nodes, milestone graphs, workload bars, priority queues, capacity plans, Kanban tickets, and sprint cycles.
- Collaborated resource handling with dispatch flows, fulfillment records, and supply scans, completing 93% of support cycles using route timers, load tables, courier grids, packaging units, serial tracking, inventory pipelines, logistics audits.
- Facilitated 8 regional campaigns using distribution dashboards, metric sheets, and visual reports, boosting target reach by 72% using QR scans, poster tags, lead indices, segment bins, map coverage, response ratios, metrics, and trackers.

Data Analyst (Volunteer)

April 2025 – May 2025

Data for Good – Data Analytics Hackathon

Ontario

- Analyzed 75,000+ records using SQL, Excel, Power Query to extract inter-provincial health trends, improving variable correlation accuracy by 37% through joins, filters, pivots, schema mapping, forecasting, normalization, segment parsing.
- Constructed Power BI dashboards integrating KPIs, slicers, and heatmaps, improving data navigation speed by 42% with tool tip indicators, visual cards, relationship maps, layered grids, bookmarks, thresholds, axis labels, and filters.
- Transformed 90+ data frames using column audits, encoding normalization, and null detection scripts, reducing ingestion failures by 64% using delimiter tracking, type coercion, schema matching, value casting, wrappers, and imports.

Security Guard

February 2023 – Present

GardaWorld

Ontario

- Conducted 36+ perimeter rounds using RFID badges, video sweeps, and checkpoint maps, reducing breach attempts by 62% using heat routes, zone schedules, patrol sheets, rotation logs, sensor tags, location scans, and guard analytics.
- Revamped 18+ emergency triggers monthly using alarm protocols, shift rosters, and response charts, improving contact dispatch time by 53% with urgency codes, radio logs, status reports, control workflows, alert channels, and dispatch.
- Conducted fire drills using hazard maps, route charts, and compliance flags, decreasing response lag by 38% using simulation rosters, alarm tests, assembly roles, safety briefings, staged evacuations, emergency scripts, threat indexes.

Customer Service Associate

May 2022 - February 2023

Walmart Canada

Ontario

- Resolved 60+ device-level issues weekly via diagnostics, system resets, and configuration tools, lowering queue length by 49% using scan code aligner, error trees, override forms, POS entries, module resets, reboot scripts, sync patches.
- Processed 300+ sales per shift with terminal entries, discount workflows, and return approvals, reducing record inconsistencies by 62% using override sheets, price trackers, barcode scanners, receipt checks, rule flags, and batch registers.
- Motivated escalation cases using CRM logs, feedback chains, and failure codes, shortening coupon error cycles by 47% through customer tags, failure IDs, code maps, resolution status bars, event trackers, interaction notes, trigger flags.

PROJECTS

Customer Churn Prediction

May 2024

Data Analyst, India

- Developed churn detection model using logistic regression, cross-entropy loss, and sampling with SMOTE, increasing model fidelity by 87% through batch normalization, regularization, threshold adjustment, and convergence techniques.
- Created visual summaries with violin charts, density plots, and swarm graphs in Seaborn and Matplotlib, boosting readability by 42% via range scaling, cluster formation, categorical embedding, and outlier detection on variables.

Sales Data Analysis

March 2024

Business Analyst, India

- Processed 250K+ entries using recursive CTEs, nested queries, and interval-based filtering in SQL, enhancing segmentation depth by 47% through data partitioning, lookup indexing, memory-efficient partitioning, and caching methods.
- Built dashboards in Power BI with decomposition trees, matrix aggregators, and multi-row cards, reducing turnaround time by 61% using configurable field parameters, pagination logic, filter propagation, and KPI automation workflows.

EDUCATION

Graduate Certificate in Big Data Solution Architecture <i>Conestoga College, Ontario</i>	January 2023 – October 2023
Graduate Certificate in Data Analytics for Business Decision Making <i>Durham College, Ontario</i>	January 2022 – May 2023
Bachelor of Engineering in Computer Engineering <i>Savitribai Phule Pune University, India</i>	August 2017 – May 2020
Diploma in Computer Engineering <i>K.J. Somaiya Polytechnic, India</i>	August 2014 – May 2017

CERTIFICATIONS

- **Microsoft Certified: Azure Data Fundamentals** – [Link](#)
- **AWS Certified Solutions Architect – Associate** – [Link](#)
- **CompTIA Security+ ce Certification** – [Link](#)
- **CompTIA Network+ ce Certification** – [Link](#)
- **CompTIA A+ ce Certification** – [Link](#)
- **CompTIA Secure Infrastructure Specialist – CSIS Stackable Certification** – [Link](#)
- **CompTIA IT Operations Specialist – CIOS Stackable Certification** – [Link](#)
- **Verified International Academic Qualifications** – [Link](#)
- **Data Analytics Bootcamp 4.0**