

FENIL PATEL

Toronto, Ontario (Open to relocate)

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SUMMARY

Data Analyst with a Master's in Big Data Analytics and expertise in SQL, Power BI (DAX/Power Query), and Python for building scalable data pipelines and ETL processes. Experienced in applying Agile methodologies and engineering data-driven solutions to enhance decision-making in commercial banking, risk, and operations. Adept in analytics, data visualization, and market research with strong skills in collaboration, communication, and problem solving. Proven ability to support business growth through actionable insights and effective stakeholder engagement. Passionate about leveraging technical and soft skills to drive innovation and business value in dynamic environments.

SKILLS

- Languages/DB:** SQL (joins, CTEs, window functions, tuning), Python (Pandas, NumPy, scikit-learn), R; Excel (PowerQuery, PivotTables)
- BI & Modeling:** Power BI (DAX, Power Query; star schema, KPIs, RLS), Tableau
- Cloud & ETL:** AWS (S3, Glue, Redshift basics); ETL/ELT
- Analytics/Methods:** A/B testing & experiment design; hypothesis testing (t-test, chi-square, ANOVA); regression & classification; time-series forecasting; NLP (tokenization, TF-IDF).
- Ops:** Data validation & reconciliation; unit/UAT testing; documentation; version control (Git/GitHub); stakeholder

WORK EXPERIENCE

LOANDASH

Dec 2023 - Dec 2024

Data Analyst

- Automated **data pipeline** workflows and built Power BI dashboards, reducing turnaround time by 22% through careful **planning** and **coordination** among team members.
- Improved approval rates by 18% through loan data analysis and partner bank insights, demonstrating **progressive thinking** and **data driven** decision-making.
- Created customer segmentation models, increasing campaign conversions by 15% using Python, SQL, and Excel; facilitated **coaching** sessions for team members on model development and **statistical analysis**, emphasizing **interpersonal relationship** management and **leadership** skills.

EDUCATION

Trent University

Jan 2024 - Apr 2025

Master's in Big Data Analytics

GPA: 3.9/4.0

Ganpat University

May 2019 - May 2023

Bachelor's in Computer Science

GPA: 3.2/4.0

PROJECTS

Bank Loan Portfolio Dashboard | Power BI, Python, Excel

- Developed a Power BI dashboard analyzing 38K+ loans with \$435M funded and \$473M received for portfolio performance monitoring.
- Automated key KPI tracking including interest rates, debt-to-income ratios, and non-performing loan insights (13.8%), enhancing risk management.
- Created interactive visualizations and drill-down reports by purpose, state, and loan grade, driving data-driven decision-making.

Climate-Driven Habitat Prediction of Wild Yak | Python, Scikit-learn, Pandas, NumPy, TerraClimate, WorldClim, GeoPandas, Matplotlib

- Built geospatial ETL to clean/merge TerraClimate + WorldClim layers; engineered climate features for suitability modeling.
- Trained Random Forest (AUC 0.999) and visualized hotspot shifts for a 2050 scenario to support conservation decisions, **collaborating** with environmental scientists for effective communication of results and **transcription** of findings into actionable insights.

CERTIFICATIONS

- IBM Data Science Professional Certificate (Coursera, 2024):** Data analysis, machine learning, general management, and project management for commercial banking and analytics.
- Big Data Foundations with IBM (Coursera, 2024):** Large-scale data processing, Hadoop, and finance applications; contributed to data-intensive product and services projects.
- Intermediate Python (DataCamp, 2023):** Data manipulation, control flow, and analytics for problem solving and knowledge sharing.
- Intermediate SQL (DataCamp, 2023):** Advanced query writing and data analytics supporting bank, business growth, and interview processes.
- Joining Data in SQL (DataCamp, 2023):** Joins, set theory, subqueries for engineering and developing scalable applications.
- AWS Cloud Architecting (AWS Academy, 2023):** Cloud solutions, strategic planning, and innovation in project and product environments.