

Sonia Ranvir

Toronto, Canada | soniaranvir04@gmail.com | (437) 987- 4212 | [LinkedIn](#) | [GitHub](#) | [Website](#)

WORK EXPERIENCE

Senior Data Analyst – Aliro Immigration, Toronto, Canada Jan 2022 - Present

- Increased revenue by 20% (\$200K quarterly) by identifying high-value immigration service segments through SQL-driven trend analysis; enabled targeted client acquisition strategies that boosted conversion rates by 15%.
- Reduced case processing delays by 35% by automating visa application tracking with real-time dashboards in Tableau and SQL, leading to faster document processing and a 25% increase in successful client applications.
- Strengthened compliance adherence by 30% by building an AI-powered risk assessment model that flagged regulatory inconsistencies across 10,000+ immigration cases, reducing legal risk and improving processing efficiency.
- Boosted operational efficiency by 40% by streamlining fragmented reporting workflows with Python-based automation, cutting manual data handling time in half and accelerating executive decision-making.

Data Analyst | Million Minds Infotech, Hyderabad, India Jan 2021 – Dec 2021

- Increased revenue by \$150K by optimizing workforce allocation across Fortune 500 client projects, reducing unbilled contractor hours by 18% through SQL-driven analysis of employee utilization and project demand patterns.
- Accelerated hiring speed by 30% by developing an AI-driven candidate scoring model that optimized job matching; reduced time-to-fill for open roles by 40%, helping clients meet workforce demands faster.
- Improved SLA compliance by 25% by designing real-time Tableau dashboards to monitor contract fulfillment rates, enabling recruitment teams to proactively address hiring bottlenecks and reduce client churn by 15%.

Financial Analyst Intern | Clear Tax, Bengaluru, India July 2020 – Dec 2020

- Optimized a 30% boost in customer retention and tax filing workflows by analyzing customer trends using SQL and Excel, identifying key retention drivers that led to and \$1.5M in tax savings.
- Led tax compliance for 1,000+ client accounts monthly, streamlining workflows with automated tracking systems, reducing filing errors by 20% and improving compliance efficiency.
- Engineered financial data migration to cloud-based storage, ensuring higher security and 24/7 data availability, improving operational efficiency for remote teams.

AI Strategy Consultant | Fortune 500 Financial Institution, Canada (Freelance, 2023)

- Designed a real-time credit risk scoring model, increasing loan approval efficiency by 22%, improving customer acquisition strategies. Developed a real-time fraud detection system leveraging GraphSAGE on AWS Neptune, enhancing fraud pattern recognition in transactional data and reducing false positives by 25% while maintaining 95% recall, leading to \$10M+ in fraud prevention savings annually.
- Engineered an LLM-powered customer intelligence platform using GPT-4, LangChain, and Pinecone for vector search, automating 50K+ customer inquiries/month and improving financial recommendation accuracy by 85%, ensuring compliance with Basel III & GDPR using SHAP-based explainability techniques.

PROJECTS

- [Automated SOP Generator \(Aliro Immigration\)](#) – Built an AI-powered system using GPT- 4, LangChain, and SQL to automate Statement of Purpose (SOP) generation based on visa type, applicant profile, and destination country, reducing manual drafting time by 80% and improving application success rates.
- [Bing API News Analytics](#) – Developed a real-time sentiment analysis tool using Azure Synapse, Power BI, and Data Activator, automating news classification and alerts for rapid market intelligence.
- [Retail Sales Optimization \(Walmart Data Analytics Project\)](#) – Used SQL, Python, and Tableau to analyze customer purchase trends and inventory gaps, identifying key sales drivers to optimize category performance.
- [Netflix Content Dashboard](#) – Designed an interactive Tableau dashboard to analyze genre performance, audience engagement, and regional content preferences, enabling data-driven content strategy.

SKILLS & TECHNOLOGIES

Skills: SQL | Python | Data Visualization | Business Intelligence (BI) | R | Excel | Cloud Computing | ETL & Data Pipelines | Big Data Analytics | Statistical Analysis | A/B Testing | Predictive Modeling | AI & LLM Integration

Tools: PostgreSQL, MySQL | Jupyter Notebook | Power BI | Tableau | Looker | BigQuery | Redshift | Azure | Apache Spark | Airflow | Snowflake

CAREER HIGHLIGHTS

- Kaggle Competition** – Top 1% FinTech Prediction Challenge (2022)
- Tableau Public Featured Dashboard** – Recognized for Best Business Insights Visualization (2023)
- Data Analytics Speaker** – Toronto AI & Big Data Conference (2023) sharing insights on advanced analytics and automation in business intelligence.
- Aliro Immigration** – Employee of the Year (2024) for delivering high-impact data strategies that increased revenue by 20%

EDUCATION

Seneca College, Canada - Post Graduation in Global Business Management 2022 – 2023

Symbiosis International University, India - Bachelor of Business in Information Technology 2017 – 2020