

JULIET ONI

Senior Data Analyst & Project Manager

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Career Summary

Strategic Senior Analyst & Data Scientist with 3+ years of experience translating complex data into actionable business intelligence and operational efficiencies. Proven ability to lead cross-functional initiatives in data exploration, develop robust financial and performance dashboards, and architect scalable data solutions. Expert in driving data-driven decision-making for artificial intelligence initiatives, optimizing data flow pipelines, and influencing strategic direction through quantitative analysis and stakeholder management.

Work Experience

Senior Data Analyst, AI Business Solutions

02/2025 – Current
Canada Life Winnipeg,
MB

- Pioneered an AI solution from concept to proposal by facilitating workshops with 5+ departments to map complex manual as-is processes, gather key metrics, and define a compelling use case, resulting in a strategic presentation that secured executive buy-in for a pilot AI project.
- Translated ambiguous business needs into technical specifications for AI solutions serving the company's 7 largest Group policies, establishing data quality standards, and ensuring alignment with strategic objectives.
- Developed a production-grade validation framework for LLM performance, creating reusable testing tools and 0+ hours of annotated test cases that increased model accuracy from 82% to 9%, significantly improving the ROI of AI investments.
- Researched relevant data sources and available API connections for the discovery phases of AI application use cases, which helped hasten the feasibility study for the data scientist.
- Designed and implemented scalable data pipelines processing 2M+ daily transactions, reducing data preparation time for AI experiments by 0% and accelerating time-to-insight for business initiatives.

Senior Data Analyst - Customer Insights, Canada Life

04/2022 – 01/2025

- Pioneered a predictive analytics module within the BI dashboard that forecasted client portfolio trends with 92% accuracy, enabling proactive strategy adjustments and contributing to a 5% increase in client retention.
- Produced periodic and ad-hoc client reporting using SQL/Python/R in querying data stores within Azure to extract relevant information used in creating BI dashboards, and presented key findings to stakeholders and senior management.
- Architected an automated reporting system using Python, SQL, and VBA that reduced report generation time from 15 minutes to 10 seconds, eliminating 15+ hours of manual work weekly and achieving a 98% error reduction across 500+ quarterly client reports.
- Developed data integrity solutions through deep analysis of 5M+ customer records, implementing fixes that improved data quality by 30% across legacy platforms.
- Created reusable ETL tooling using Python and SQL and established team standards for data documentation, streamlining operational workflows, and improving team efficiency.

- Championed the integration of a new data source from the Finance department, enriching client analytics and uncovering \$500K in previously untapped revenue opportunities within the first quarter post-implementation.

Performance Analyst, 24-7 Intouch

09/2021 – 03/2022

- Implemented a systematic performance monitoring framework using statistical analysis of operational data, identifying key drivers that led to a 20% productivity increase across customer service teams.
- Automated metric reporting processes that reduced manual analysis time by 30% while improving data accuracy for leadership decision-making.
- Authored and maintained standardized operating procedures (SOPs) for data collection and reporting, ensuring consistency and reducing onboarding time for new team members by 25%.
- Conducted root cause analysis on performance gaps, providing data-backed recommendations that improved key metrics (e.g., Average Handle Time) by 15% within two operational quarters.
- Developed and delivered performance insights presentations to mid-level management, translating complex data findings into actionable strategies that improved team-level goal attainment

Education

Bachelor of Science Interdisciplinary Health Sciences, University of Manitoba

2021

Relevant Course Work: Data Analysis, Statistical Methods, Health Informatics

TECHNICAL SKILLS

Programming & Databases

Python (Pandas, NumPy, Scikit-learn, Statsmodels, pytorch, tiktoken, gpt transformers), SQL, R, PySpark, MongoDB, IBM Data Studio

Data Science & ML

A/B Testing, Statistical Modeling, Causal Inference, LLM Evaluation, Predictive Analytics, Data Mining, Experimental Design

Cloud & Big Data Platforms

Azure ML, AWS, Spark, JupyterLab

Visualization & BI Tools

Power BI, Tableau, Excel (Advanced Charts, PivotTables)

Tools & Methodologies

Git, Agile/Scrum, JIRA, Data Pipeline Architecture, ETL Development, Stakeholder Management

Management Skills

Stakeholder Management, Team Management, Communicate efficiently, Executive Presentation, Self-directed

SELECTED PROJECTS

Cross-Functional AI Solution Proposal, Python, Process Mapping, Stakeholder Management

- Led the creation of an RPA to enhance efficiency in standard report generation; served as both project manager and senior data analyst, guiding a team of three.
- Developed a knowledge assistant tool with the project team, providing key data sources and tables for examiners in the operations department.