# Victor Nneji

◉ Pickering, Ontario ✉ vnneji@outlook.com 📞+1 (416) 857-4872 in linkedin.com/in/vnneji

## Summary

Experienced and dedicated Business Intelligence Developer with + years of experience in transforming complex data into strategic insights, driving business growth across banking, finance, procurement, lending and blockchain sectors. Possessing expertise in data modeling, machine learning, data governance, and data warehousing, as well as data solutions development and process automation. Adept at managing change and motivating team members while ensuring company-standard performance.

## Core Competencies

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| Data Exploration and Analysis | Data Warehousing (Cloud and On-Premises) |
| Data Engineering and Modelling | Computer Programming |
| Data Science (Machine Learning and Artificial Intelligence) | Solutions Development |
| Big Data Management | Insights and Reporting |

## Technical Skills

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|---|---|
| Database Technologies: Oracle, Postgres, SQL Server, NoSQL | Programming: SQL, Python, PowerShell, C#, JavaScript, PL/SQL, VBA, PySpark |
| Data Analysis: Microsoft Excel, Tableau, Power BI, Google Analytics, Amplitude | Cloud Computing: Azure, GCP |
| Data Warehousing: Snowflake, Databricks | Source Control: Git, GitHub |
| Data Integration: dbt, Microsoft SSIS, Talend | Methodologies: Agile, Scrum |
| Big Data: Spark, Hadoop | Project Management: Jira, Confluence, Miro |

## Experience

### Report Analyst, Insights and Analytics

Cancap Group

March 2024 – Present

As a Report Analyst reporting to the Senior Reporting Analyst, I design, configure, deploy and maintain efficient data pipelines, creating interactive dashboards and developing automation programs for routine processes.

Key Projects Handled: Clawback Automation, Real Estate Lending Reporting, Contra Entries Automation.

Responsibilities and achievements:

- Spearheaded the automation of daily and monthly operational processes, including vendors' clawback, contra entries reconciliation, and client performance reporting, significantly improving efficiency.
- Designed, configured, and maintained robust data pipelines and workflows using Databricks Lakehouse, dbt and GitHub, ensuring seamless data integration from multiple sources.
- Successfully migrated legacy data systems to Databricks Lakehouse, resulting in a 40% reduction in data processing time.
- Built interactive dashboards using Databricks SQL Analytics and Power BI to visualize key performance indicators (KPIs) and business metrics, enhancing data-driven decision-making.
- Partnered with risk and finance teams to identify reporting requirements and develop custom reports and dashboards tailored to their specific needs.

### Business Intelligence Lead

Mara Cryptocurrency Wallet

Aug 2022 – January 2024

As a Business Intelligence Lead reporting to the VP Strategy, I managed and prioritized the technical execution of data projects, overseeing data integration, data management and data analytics, as well as championing data quality standards and research.

Key Projects Handled: Customer Funnel Analytics, Crypto Trading Analytics, Reconciliation Analytics.

Responsibilities and achievements:

- Led a team of three data analysts to provide insights, forecasts and recommendations for the company's cryptocurrency trading platform and strategies.

- Designed and built a data warehouse and a data lake using Amazon S3, Amazon RDS, Amazon Glue and Amazon Kinesis, with data integration from blockchain ledgers, flat files, CRM tools, and web scraping.
- Developed and implemented a data governance framework and a data quality management system, defining and enforcing standards, processes and practices to assure data quality and integrity across the organization.
- Forecasted trading costs and hedge funding using time series data on asset volume and price. I applied data mining, data analysis and machine learning techniques such as linear regression, exponential smoothing, and ARIMA to predict future trade volume and price and, based on partner SLAs, estimate associated trading costs and funding held in escrow.
- Conducted data mining, cleansing and enrichment of customer data using SQL, Python and Spark. I applied data validation, cleansing and geocoding techniques to ensure accurate and consistent user KYC data, as well as data analysis to validate data quality and inspect outliers.
- Designed, developed and maintained ETL/ELT frameworks using Python, PowerShell, SQL and DBT to extract, transform and load data from various sources, including APIs, databases, JSON files and flat files.
- Presented data-driven insights and recommendations to senior management and external stakeholders, using visualizations and dashboards created with Tableau, Power BI, and Excel.
- Collaborated with engineers, architects and other stakeholders to identify and advance analytics use cases across the organization.

## Data Solutions Developer
Union Bank Plc.
Dec 2021 - Aug 2022
As a Data Solutions Developer, I designed, deployed, configured and supported key data solutions used within the organization and personalized them to suit business requirements.
Key Projects Handled: Financial Statement Automation, Performance Management Automation.
Responsibilities and achievements:
- Delivered on BI solutions (portals, dashboards, standard and ad-hoc reporting) with a specific focus on data management/governance, and data warehouse architecture using SAP BI, Microsoft SSRS, Microsoft SSIS, Cognos BI and PL/SQL tools.
- Executed different phases of the software development life cycle (SDLC), including development, testing and deployment of software solutions.
- Leveraged Azure Synapse Analytics to build and maintain ETL pipelines that enabled backend development, data integration, and insights reporting from different data sources, including SQL Azure, Cosmos DB, and Blob Storage.
- Designed and developed workflows for data solutions using Azure Logic Apps, with the focus on automating processes in the organization.
- Built and deployed web APIs using ASP.NET Core and C# implemented in internal web applications.
- Collaborated with product owners, analysts, end users and other stakeholders to understand business requirements and deliver data-driven solutions.

## Report Analyst
Union Bank Plc.
Feb 2019 - Dec 2021
As a Report Analyst reporting to the Chief Data Officer, I evaluated and interpreted financial and non-financial datasets, developed analytic models and identified relevant insights for planning and decision making.
Key Projects Handled: Revenue Assurance Automation, Transaction Banking Analytics, Funds Transfer Pricing Automation.
Responsibilities and achievements:
- Delivered accurate analytic models for revenue assurance and funds transfer pricing using SQL and PowerShell. This enhanced business performance by reducing processing time by 60% and errors by 45%.
- Built and deployed segmentation and recommender models for customer spend analytics and next-best-offer engagements using Python and scikit-learn, contributing to an increase in product sales by 13%.
- Optimized data mining, cleansing and transformation frameworks employed in day to-day ETL operations using IBM Cognos, PL/SQL and SSIS, achieving 50% faster data processing and 40% higher accuracy.
- Executed daily and month-end reconciliations on customer liabilities and profit or loss items and prepared summary reports using SQL and MS Excel.
- Prepared insightful dashboards and reports using Power BI and SSRS, with forward thinking forecasts for consumption by management and the wider business.
- Facilitated training sessions on up-to-date data management and analysis techniques for new hires.

**Data Analyst**

Universal Horizon Ltd

Jan 2016 - Jan 2019

As a Data Analyst, I co-facilitated the company's sales and procurement process planning and implementation, while also developing and implementing analytical and reporting methods used for decision making and forecasting.

Responsibilities and achievements include:

- Co-facilitated the successful implementation of a new sales and procurement process that increased efficiency and reduced costs by 15%.
- Developed and implemented a forecasting model for procurement that optimized inventory management and facilitated cost savings by 22%.
- Designed and developed an inventory management solution using Excel and VBA Macros that increased visibility and accountability on sales, inventory and procurement activities.
- Established quality assurance and control activities for procurement and deployment which saw a reduction in customer complaints by 23%.
- Delivered procurement, sales and budgeting reports, including variance analyses, revenue projections and demand planning, with recommendations to Management for decision making.

## Education

Master of Science – MS Computer Science

Bachelor of Science (B.Sc.), Electrical and Electronics Engineering

Big Data Specialist

## Trainings/Certifications

- Data Science and Machine Learning Using Python - **Udemy**
- Hands On Essentials - Data Warehouse – **Snowflake**
- Big Data Specialist with IBM BigInsights V2.1 - **IBM**
- Data Visualization and Analysis with Tableau – Tableau E-Learning
- Data Analysis using Microsoft Excel – EdX
- Python for Data Science – EdX
- Enterprise Design Thinking Practitioner – IBM
- Agile Intro – **IBM**
- Banking and Financial Markets Industry Intro – **IBM**