

FUNKE OLALEYE (MSc, BSc)

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SUMMARY

- Innovative Data Science enthusiast with passion for solving complex business problems. Webinar Presenter
- Highly skilled at deriving actionable business value and insight from large (un)structured data.
- 10+ years of Business Analysis and Process Improvement for Technology and Banking firms.

TECHNICAL SKILLS

Tools: Python, R, SQL, Tableau, Power BI, Amplitude, Big Data, Machine Learning (Scikit-learn, Statsmodels, Amazon Sage Maker), NLP, Advanced Excel

Databases: PostgreSQL, MySQL, MongoDB SQL, SQLite

Other Projects:

- Created a standardized index to categorize the risk level of covid-19 spread in communities (Python, Machine Learning - AWS, S3, Scikit-Learn)
- Build a model to forecast the number of passengers for an airline (Python, Pandas, Statsmodels)

EXPERIENCE

Data Analyst

Sound of Your Love (A FaithTech Labs company)

March 2020 – To Date
Kitchener, ON

Created use cases to define requirements using agile framework. Designed data model. Tested end to end messaging service functionality. Analyzed datasets using Python, SQL queries, BI tools. Developed, maintained and monitored actionable dashboards and reports using Amplitude. Interpreted data and analyze results using statistical techniques.

Key Accomplishments:

- Define KPIs, develop metrics and maintain actionable dashboards to understand customers behavior, determine improvements, and drive business decision.
- Designed a centralized message streaming service for isolated COVID patients.
- Conduct market research and analysis report to efficiently achieve objectives.
- Develop solutions for key business initiatives ensuring alignment with future state analytics vision and product road map.

Machine Learning Engineer

Omdena

Oct 2020 – Dec 2020
New Jersey, US

Improve the quality of case management for International Social Services ISS - social workers in child protection, migration and welfare

Key Accomplishments:

- Built various NLP model that provided insights and recommendations integrated into web application

Data Analyst

May 2019 – Nov 2019

Rutgers University Data Science Program

New Brunswick, NJ

Researched, mined and cleaned data using Pandas and NumPy to gain actionable insights. Analyzed dataset using SQL queries. Created visualizations using Matplotlib and Python libraries. Created dashboards using JavaScript, Plotly, D3, R and Tableau. Implemented machine learning models using Scikit-learn.

Key Accomplishments:

- [S&P 500 Stock Prediction](#): Implemented machine learning models to group performing stocks returns using K-Means Clustering (Python, Pandas, SQL, Scikit-learn)
- [Life-Expectancy Visualization](#): Analyzed and visualized the correlation between world GDP and life expectancy in various continents and countries over a 50-year period (Python, Pandas)
- [Web Visualization Dashboard](#): Created a dashboard that analyzed weather changes at difference latitudes relative to the equator via an ETL process (Pandas, HTML, CSS, Bootstrap, API)
- [CitiBike Visualization Dashboard](#): Created a dashboard that analyzed CitiBike utilization to improve the city program. (Pandas, Tableau)

Business Analyst

Sept 2012 – April 2019

Timbrel

East Brunswick, NJ / Kitchener, ON

Translated business requirements to technical designs with use case analysis, process and data modeling.

Reviewed project artifacts, business requirements and solution specifications for completeness, accuracy and business analysis best practices.

Key Accomplishments:

- Modified data warehouse to support new internet services
- Implemented a new process to enhance anti-money laundering capabilities for credit card payment
- Designed a web application that detect data quality issues in wealth management transactions data
- Created a new system to ensure regulatory compliance to identify suspicious financial transaction

Requirements Manager/ Business Analyst

July 2008 – Aug 2012

BlackBerry

Waterloo, ON

Elicited and analyzed Infrastructure, Provisioning, functional and security requirements including data analysis.

Decomposed business requirements from multiple sources and produced technical requirements using Use Cases, User Stories, MS Visio, Enterprise architect and MS Office Suites in Agile and waterfall development environment.

Key Accomplishments:

- Mitigated risk of data loss in infrastructure, provisioning and services significantly by complying with security policies and implementing Identity and Access Management system.
- Recognized for modeling new end to end process that enhanced the efficiency of recycling devices
- Worked on special projects to support 200+ services and datacenters to maximize fault tolerance and reduce service disruptions to clients and subscribers.
- Developed a new validation system which secure identity and authorize services, enforces security policies, protect against spoofing

Business Analyst

July 2007 – April 2008

CIBC Bank

Toronto, ON

Worked as a Liaison with stakeholders and created credit card and payment processes documentation.

Gathered and analyzed business requirements and prepared functional system specifications to mitigate fraud losses and increase credit card operational efficiency.

Business Analyst
TD Bank

May 2006 – March 2007
Mississauga, ON

Elicited and authored detailed requirements document using information gathered from SMEs. Minimized business and operational risks by identifying and eliminating gaps and redundancies in business processes. Re-designed branch service processes to minimize bank losses.

EDUCATION

Certificate in Data Science: Rutgers University, New Brunswick, NJ

Masters of Science in Computer Science: Kent State University, Kent, OH

Bachelors of Science in Electrical/Electronics Engineering: Yaba College of Technology, Yaba, Lagos

CERTIFICATION

Scrum Foundation Professional Certification