

SSEGAWA JOHN BRIAN

ECONOMETRICIAN AND DATA SCIENTIST

ADDRESS

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CONTACTS

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NATIONALITY

Ugandan

DATE OF BIRTH

19th March 1999

WORKING WITH CHILDREN CHECK.

Card No.: 2873124A-01

SKILLS

Data Governance & Analysis: Profiling, classification, data quality assessments, and adherence to privacy regulations

SQL & Database

Management: Experienced in query optimization, data modelling, and using SQL scripts for bulk data import/export

Scripting & Automation: Skilled with Python for data cleaning, transformations, and automation of routine tasks.

Data Visualization &

Reporting: Proficient in creating interactive dashboards in Power BI and producing clear, concise reports.

Attention to Detail: High accuracy in data entry, validation, and reporting.

Profile.

Insight-driven analyst with a background in Quantitative Economics and a master's in data science from Monash University. Skilled in market research, financial modelling, competitor analysis, and data visualization. Adept at turning complex data into actionable insights that inform strategic decisions. Excels in fast-paced, collaborative environments with a keen interest in fintech, trading, and market intelligence.

Relevant Employment History

Data Analyst, DEGE Consultants

July 2022 – February 2023

- Conducted data analysis for public sector programs, including data extraction, transformation, and interpretation, using SQL and Excel to ensure data accuracy and provide actionable insights.
- Created and maintained data collection forms and reports for project assessments, aligning with reporting standards and client needs.
- Engaged with cross-functional teams to ensure clarity and precision in data reporting, supporting informed decision-making.

Achievements:

- Successfully **improved data quality** by implementing robust validation checks and data profiling methods.
- Contributed to the **streamlining of data workflows**, resulting in faster reporting turnaround.

Winter Research Project, Faculty of IT, Monash University

June 2023 – July 2023

- Developed data collection forms and conducted analysis on project accessibility, working directly with project teams to meet stakeholder requirements.
- Created interactive dashboards for reporting insights, using Power BI, and presented findings in a clear, concise format to guide project improvements.

Statistical & Economic Analysis: Proficient with statistical tools (STATA, SPSS) and economic modelling.

Project Management: Efficient in managing multiple tasks and meeting deadlines

LANGUAGES

English: Fluent
Luganda: Native
French: Basic proficiency

TRAITS

Detail-Oriented | Analytical Thinker | Team Player | Communicator | Customer-Focused

Achievements:

- Gained valuable **hands-on experience** in agile project management, including daily scrums and sprint reviews.
- Provided data-driven recommendations that improved **project accessibility and usability**.

Academic Projects, Monash University (2023–2024)

- **Natural Language Processing (NLP) for Sentiment Analysis:** Designed a Python-based model to analyze user sentiment from startup feedback data.
- **Trend Forecasting in Innovation Metrics:** Built time series models to forecast startup funding patterns and growth trajectories.
- **Big Data Processing with Apache Spark and Hadoop:** Processed unstructured and semi-structured datasets using distributed computing frameworks.
- **Data Modelling (Kaggle Competition):** Participated in a predictive modelling challenge using real-world datasets to forecast customer behavior.
- **Advanced Database Systems (High Distinction):** Developed and implemented data warehouse solutions as part of course projects.
- **Data Cleaning and Wrangling (High Distinction):** Executed comprehensive ETL processes to prepare datasets for analysis in academic and industry scenarios.
- **Industry Experience Project (Winner):** Data scientist on the team that created KidEduGuide.

Intern, Overseas Development Institute

August 2020 – September 2020

- Supported data processing and data quality assurance, providing critical assistance to senior analysts in interpreting and presenting findings.
- Gained hands-on experience in managing multiple data-related tasks with a focus on accuracy and attention to detail, enhancing my ability to work independently and collaboratively.

Education

Master of Data Science

Monash University Clayton, Australia (*February 2023 – December 2024*)

- **Winner** Industry Experience Project
- **Participant** Winter Research project: "***MAKING EMAKING ACCESSIBLE FOR PEOPLE WITH INTELLECTUAL DISABILITIES***"

Bachelor of Science in Quantitative Economics

Makerere University, Kampala, Uganda (*August 2018 - May 2022*)

- **Thesis:** "*A STATISTICAL ANALYSIS OF FACTORS THAT LEAD TO LOW INCOMES FROM COFFEE OF RURAL AREAS IN UGANDA. A CASE STUDY OF KAMAGWA PARISH, KYOTERA DISTRICT*"

References

Andrew Muganga Kizito (PhD). Head of department Statistics, School of Planning and Statistics, Makerere University.

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Per Tiderman (Ph.D. Development Studies). Senior Partner DEGE CONSULT.

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DECLARATION.

I hereby declare that the above information is the truth and only the truth.