

BIRATE KABANZA ARTHUR

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PROFILE

Junior Data Analyst with a strong academic background in Applied Computer Science and hands on experience in data visualization, Business intelligence and Machine Learning. Skilled in Python, SQL, Microsoft Power BI, Grafana and Elasticsearch. Known for analytical thinking and proactive learning attitude. Passionate about turning data into actionable insights to support strategic decision making.

EDUCATION

Bachelor in Applied Computer Science Thomas More , Geel , Belgium	2025
Bachelor in Petroleum Engineering Xian Shiyu University , Xian, China	2020

TECHNICAL SKILLS

Programming & Querying: Python | SQL
Data Visualization: Power BI | Grafana | Qlik Sense | Kibana
Data Tools & Platforms: Elasticsearch | Kibana | Docker
Machine Learning & AI: YOLO | SAHI | ResNet | VGG16 | OpenCV
Web Development (Basic): Django | Laravel | NET Core (C#)
Version Control: Git
Operating Systems: Linux (Ubuntu) | Windows

SOFT SKILLS

Critical Thinking
Communication
Problem Solving

WORK EXPERIENCE

DATA ANALYST INTERN Van Genechten Packaging Turnhout	February 2025 – May 2025
<ul style="list-style-type: none">Designed and maintained real time dashboards in Grafana using Elasticsearch data.Monitored KPIs across 20+ Elasticsearch nodes to support performance and operational analysis.Implemented reporting workflows and supported automation of log based alerting.Contributed to predictive maintenance initiatives using metric analysis and anomaly detection.Developed and deployed a machine learning job for anomaly detection to enhance maintenance processes.	

PROJECTS

Superstores (Power BI): Sales , Profit & Shipping Analytics Dashboard

Description:

- Designed a complete reporting solution with 4 interactive dashboards for a fictional United state retail dataset.
- Built a snowflake data model including dimension tables for Product, Category, Subcategory, Segment, Ship Mode, City and State .
- Created KPIs Cards using DAX: Total Sales, Total Profits, Shipment Volume.

HR Data Analytics Project (Power BI) :

Description:

- Designed and implemented a comprehensive Power BI dashboard analyzing HR metrics such as attrition, compensation, and employee satisfaction.
- Built a star schema data model using dimension and fact tables for employee demographics, performance, and salary data.

Olympic Games Dashboard (Qlik Sense)

Description:

- Built an interactive dashboard analysing Olympic medal counts, country performance, event trends and Athlete performance .
- Applied data modelling and Scripting techniques to extract key insights.

VisiAge – Fall and Cough Detection System (Python , Machine Learning, AI)

Description:

- Worked in a team of 4 where I Built a real-time system for cough detection using audio signal processing, integrated with fall detection models.

LANGUAGE

- French** Native
- English** Native