Data Analyst/ Business Analyst

SELLO BRIAN MATLATLE

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SKILLS

- Excel
- SQL
- Python
- Power BI
- R Programming

- Tableau
- SAS
- SPSS
- Problem-solving Skills
- Business Development Skills

PROJECTS

TEXT ANALYSIS OF JUNIOR DATA ANALYST JOB MARKET – Personal Project

- Utilized **Python** to analyze 356 junior data analyst job listings and gain insights on what it takes to land a job in analytics
- Performed **web scraping** to extract data from indeed in **Python** and exported the data into an **Excel** file.
- Implemented **Regex** techniques to comb through the job descriptions and identified the key requirements
- Aggregated and visualized the data by using **pandas, matplotlib, seaborn** and **wordcloud** to compile a professional report

BUSINESS ANALYSIS OF PLATO PIZZA SALES – Personal Project

- Created a dashboard with **Power BI** to help a business determine their busiest days and times, how many pizzas are sold during peak periods, their worst and best-selling pizzas, average order value, how well their seating capacity is utilized
- Transformed, cleaned, and processed data using **Power Query** to ensure data completeness and validity
- Provided insights and recommendations on how the business can fully utilize their operational hours and seating capacity, how they can introduce and remove other products on the menu, and introduce promotions during worst selling periods

FATAL POLICE KILLINGS IN THE USA – Personal Project

- Created an inter-active dashboard with **Power BI** to visualize the fatal killings of civilians by police officers in the USA
- Performed data cleaning in **SQL** and exported the data into an **Excel** file
- Performed data Exploration in **Python** and created Age Bins using **Power Query**

WORK HISTORY

STATISTICIAN (CRIME ANALYST) INTERN | 02/2022 TO 02/2023
SOUTH AFRICAN POLICE SERVICE (SAPS), CRIME REGISTRAR – Pretoria, Gauteng

- Collected and analyzed data from the management information system and identified crime trends and patterns.
- Developed and maintained databases to support crime analysis and prevention efforts.
- Utilized statistical analysis and data visualization techniques to identify patterns and trends in crime data.
- Provided insights that assisted in the development and implementation of crime reduction strategies and areas of concern.
- Provided regular updates and reports to senior management on crime trends and the progress of reduction efforts.
- Collaborated with law enforcement agencies to provide data-driven insights that supported investigations.
- Prepared statistical analysis plans and provided statistical interpretation for graphs, tables, and charts.
- Manipulated, transformed, and analyzed data by reviewing computer reports, printouts, and performance indicators.
- Conducted risk assessments, forecasted crime trends, and evaluated the effectiveness of crime prevention strategies.
- Compiled and disseminated periodic crime statistics reports to various stakeholders.

EDUCATION

NORTH WEST UNIVERSITY - MAHIKENG | BACHELOR OF COMMERCE HONS
Operations Research (In Progress)

NORTH WEST UNIVERSITY - MAHIKENG | BACHELOR OF COMMERCE
Statistics, 2019

MMANKOGAEDUPE SECONDARY SCHOOL - LIMPOPO | MATRIC
Grade 12, 2013

CERTIFICATIONS

• **DataCamp** - Introduction to R, Intermediate R, Introduction to Python, Introduction to Tidyverse, Data Manipulation with dplyr, Introduction to SQL, Joining Data in SQL, & Introduction to Power BI.
• **LinkedIn** - Intermediate SQL for Data Scientists, Learning SQL Programming, SQL Essential Training, & SQL Tips and Tricks for Data Science.

ACCOMPLISHMENTS

• Golden Key International Honour Society 2017 - Top 15 % for the 2016 Academic Year