SEBIN ANTONY

DATA ANALYST

Phone: 9048455163| Email: antonysebin17@gmail.com
LinkedIn: linkedin.com/in/antony-sebin/ | GitHub: github.com/antonysebin

SUMMARY

Highly skilled Data Analyst with one year experience and proven ability to extract actionable insights from complex datasets. Proficient in excel, powerbi, SQL, data mining, data extraction and machine learning techniques to drive data-driven decision-making. Expertise in Power BI for creating interactive visualizations and dashboards. Possessing a strong foundation in Excel, adept at data cleaning, transformation, and analysis. Seeking a challenging role to leverage analytical skills and contribute to business growth.

SKILLS

- Python(Pandas,NumPy,SciPy, Matplotlib)
- Databases SQL (MySQL,PostgreSQL)
- Data Analysis & Modeling
- Data Mining & Data extraction
- Machine Learning
- Power BI(DAX query, Dashboard)
- Microsoft Excel (ETL, VLookup, xlookup,Conditional Formatting, Pivot Tables)

- Data Visualization
- Time Management
- Business Intelligence (BI)
- Data Analytics
- Data preprocessing
- Dashboard Creation and Reporting
- Statistical Analysis and Modeling
- Research
- Data Cleaning

- Decision making
- Trend and pattern identification
- Teamwork
- Communication & Presentation
- Attention to detail
- Cross-functional collaboration
- Presentation
- Problem-solving
- Critical thinking
- Project Management
- Business Decision Making

PROFESSIONAL EXPERIENCE

Junior Data Analyst | Wahy Lab Solutions   **Jan 2023 - Feb 2024**

- Contributed to the development and implementation of machine learning models.
- Conducted in-depth exploratory data analysis, uncovering key patterns and trends that informed strategic decisions.
- Developed and deployed a comprehensive dashboard utilizing Power BI and PostgreSQL to monitor sales, profit and drive data-driven actions.
- Collaborated effectively with cross-functional teams to optimize data processes, reducing data processing time by 10%
- Provided actionable insights through data-driven reports and dashboards leading to business impact.
- Mastered data manipulation techniques using PostgreSQL and Excel to extract, clean, and transform complex datasets.
- Leveraged pivot tables for data analysis for building the dashboard. Also designed a range of visualizations, including Key Performance Indicators (KPIs), charts, and graphs.

PROJECT

PProject 1: Credit Card Weekly Dashboard
- Developed a comprehensive credit card performance dashboard using Power BI and PostgreSQL database
- Engineered an efficient data pipeline to extract, transform, and load transaction data, optimizing query performance by through effective use of JOINs and VIEWS.
- Constructed interactive visualizations to uncover key performance indicators revenue, total coustmers, profit, cost, total users , enabling 20% increase in data-driven decision-making .
- Streamlined reporting processes, resulting in a reduction in data analysis time.

Project 2: Road Accident Analysis
- Conducted in-depth analysis of road accident data to identify underlying patterns and trends using Excel.
- Developed interactive dashboards to visualize accident hotspots, vechiles, total accidents and potential risk factors.
- Improved data quality through rigorous cleaning and validation processes, ensuring data accuracy .
- The goal is to gain i create dashboard which provides quick insights for informed decision-making and analysis in the context of road safe.
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EDUCATION

- **Mangalam college of engineering**   **08/2015 - 06/2019**
  B.TECH IN COMPUTER SCIENCE
- **Data Science with python**
  Simpli Learn   **11/2022 - 02/2023**

CERTIFICATIONS

Data science Internship

Data science with python

Business intelligence with excel