Data Analyst

DUKE CHA

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Skills

- SQL (MySQL, PostgreSQL, Google BigQuery)
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- R Programming
- Apache Airflow

- Tableau
- Microsoft Power BI
- Spreadsheets (Microsoft Excel, Google Sheets)
- Data Modelling (Star Schema)

Professional Experience

DATA ANALYST – KW International **–** Plano, TX   June 2024 -Present

- Managed and analyzed data from SAP and Excel to create dynamic reports using **Power BI**, enhancing data visibility and decision-making for stakeholders.
- Integrated forecasting features within dashboards, enabling predictive analytics to project analytics to project future stock status and optimize warehouse utilization, supporting proactive planning and business growth initiatives.
- Collaborated on data analysis and data science tasks, providing insights that supported strategic business initiatives.

MARKETING INTERN – KOTRA Dallas – Plano, TX   May 2022 - August 2022

- Conducted market research and analysis, providing valuable insights to inform strategic decisions.
- Coordinated event planning and execution, fostering team collaboration and boosting project efficiency.
- Compiled detailed reports and presentations, enhancing communication and engagement with stakeholders.

Projects

HUMAN RESOURCES DASHBOARD – Personal Project

- Created visualizations in **Tableau** to analyze a dataset created by ChatGPT, focusing on employee records and correlation between their age, education, gender, and salary.
- Designed and built a comprehensive and interactive dashboard providing high level insights and detailed employee records for in depth analysis.

BRITISH AIRWAYS REVIEWS DASHBOARD – Personal Project

- Created visualizations in **Tableau** to analyze British Airways reviews, focusing on key performance metrics such as average rating, and various service qualities.
- Designed and built an interactive dashboard to present the insights, enabling every user to identify key trends and provide a clear understanding of operational strengths and areas for improvement.

LONDON BIKE DASHBOARD – Personal Project

- Created visualizations in **Tableau** to analyze the London Bike dataset, comparing between different weather conditions such as temperature, humidity and wind speed.
- Transformed and processed data using **Python** library **pandas** to ensure data completeness and validity.

Certification

Google Data Analytics Professional Certificate   Nov 2024

Education

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING – University of Texas at Dallas – Richardson, TX   Dec 2023