






Khalid Md Ashik

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Skills

Languages: Python, R Programming, SQL
Libraries & Frameworks: Pandas, Numpy, Machine Learning
Tools & Technologies: Tableau, PowerBI, Excel, MS Office, Git, Jupyter Notebook, A/B testing
Soft: Research, Presentation, Collaborative, Data Analysis

Experience

Sprandel Design Lab

Dhaka, Bangladesh

Data Analyst

Jul 2019 – Sep 2020

- Improved data visualization by creating interactive dashboards, resulting in a **20%** increase in data comprehension
- Enhanced decision-making processes by **25%** through the implementation of BI tools for data visualization
- Developed and delivered engaging presentations to internal stakeholders, effectively communicating complex data-driven insights and recommendations, leading to a **15%** increase in cross-functional collaboration and alignment.
- Optimized on-call response efficiency by **20%** through the development and maintenance of customized business dashboards, delivering essential metrics to on-call engineers for quicker and more informed decision-making

Projects

Coffee Sales Analysis Dashboard in Excel

Excel Project (Jan 2024)

- Increased coffee sales insights by **30%** through the development of an interactive Excel dashboard, leveraging advanced functions (XLOOKUP, IF..ELSE, INDEX-MATCH), pivot tables, and data visualization. Conducted metric tracking for overtime, country, and top customers, leading to improved decision-making

PowerBI Centralized HR Analytics Dashboard

PowerBI (Nov 2023)

- A centralized hub of PowerBI dashboards providing a 360-degree view of workforce analytics, optimizing **25%** efficiency

Tableau Crafted Customer Analytics Dashboard

Tableau (Nov 2023)

- Spearheaded the creation of impactful Tableau dashboards for customer analysis, resulting in a **30%** improvement in decision-making efficiency and Conceived insights for strategic planning.

iPhone Battery Health Analysis

EDA (Jan 2023)

- Analyzed iPhone models' battery health with Python (Pandas, Matplotlib, Seaborn, SciPy), identifying degradation factors, resulting in a **45%** increase in optimal battery health efficiency; provided recommendations for maintenance

Spam Classification Using Deep Learning

Deep Learning (Dec 2023)

- Elevated SMS spam classification accuracy by **90%** through the development of a TensorFlow and Keras-based deep learning model, incorporating natural language processing techniques with NLTK for iterative data preprocessing, training, and evaluation

Education

Dortmund University of Applied Sciences

Masters In Digital Transformation

Dortmund, Germany (Sep 2021 – Present)

- Notable Coursework: Digital Business Ecosystem, Software Intensive Solution, Innovation Driven Software Engineering & Research Development Project Management

Daffodil International University

Bachelor of Computer Science & Engineering

Dhaka, Bangladesh (2015 – 2019)

- Notable Coursework: Database Management System, Data Structure, Artificial Intelligence & Machine Learning, Data Mining, Economics

Other

Communication Languages: English, German

Certifications: Google Data Analytics, Google Business Intelligence, Tableau Professional Certificate

Publication: "Software-Intensive Solutions on Digital Business Perspectives" on Dortmund IRC 2022

Hobbies & Interests: Technical Writing, Data science, Problem Solving, Data Visualization, Statistical Analysis