

SYED DABEER MEHDI



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Objective

Data-driven and detail-oriented professional with strong background in data analysis and visualization. Skilled in using various software and tools to collect, analyze, and report on data. Able to effectively communicate findings to a wide range of audiences, including technical and non-technical stakeholders

Education

M.S DATA SCIENCE | 2024 | NED UNIVERSITY

- Coursework included: statistics, machine learning, data mining, and programming
- 3.56 CGPA

B.E ENGINEERING | 2020 | NED UNIVERSITY

- 3.64 CGPA
- Second Position Holder of batch 2020

Skills & Abilities

- Google Certified Data Analyst, have knowledge about tools and techniques used in Data Science.
- Programming: Python, SQL
- Data Visualization: Tableau, Excel, Power BI
- Data Management: ETL, data warehousing
- Machine Learning: Model design, fine-tuning and deployment (TensorFlow, PyTorch, Scikit-learn)
- Statistical Analysis: regression, hypothesis testing

Experience

ASSISTANT MANAGER DATA SCIENCE & AI | UNITED BANK LTD. | 07/2024 TO PRESENT

- Streamlined salesforce CRM integration in UBL contact center with automation.
- Developed a Chatbot solution integrated with CRM Salesforce for automation in the Contact Center, improving operational efficiency.
- Conducted AI-driven sentiment analysis on customer calls, delivering insights to enhance customer experience.
- Leveraged Oracle Analytics Server (OAS) to create SQL-based reports and dashboards for business insights and performance monitoring.

MONITORING DATA ANALYST | IRD GLOBAL | 03/2023 TO 07/2024

- Proficient in utilizing advanced data analysis techniques to extract meaningful insights from complex datasets related to Health Care programs.
- Experience in employing statistical methods and tools to interpret trends, patterns, and anomalies in health data.
- Successfully designed and implemented monitoring frameworks, ensuring the continuous assessment of program performance and alignment with health objectives.
- Conducted rigorous evaluations of data quality, contributing to the enhancement of data collection processes.

PROJECT ENGINEER | AMRELI STEELS | 01/2021 TO 03/2023

- Responsible for using data analysis to inform the planning, design, and execution of engineering projects

Projects

- **ETL Pipeline Development:** Built a robust ETL pipeline using MongoDB, SQLite, and Firebase
- **House Price Predictor:** Designed a machine learning model to predict house prices by scraping data from online real estate websites
- **AI Voice Bot:** Developed an AI-based voice bot capable of handling complex queries
- **Mental Health Wellness App:** Created "Mindful Mate", an AI-powered mental health app on Streamlit,
- **Pneumonia Prediction App:** Designed a deep learning-based AI application to diagnose pneumonia using X-ray images, utilizing neural networks for high-accuracy predictions.

Publication

[A Machine Learning Prediction of Mechanical Properties in Reinforcement Bars: A Data-Driven Approach](#)

Certification

Google Certified Data Analyst, Coursera.