Mohamed Nishath

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Summary

Dynamic and results driven Data Scientist with a passion for deriving insights from complex datasets. Proficient in statistical analysis, machine learning, and data visualisation. Skilled in programming languages such as Python, R, and SQL. Experienced in developing predictive models and deploying data-driven solutions to solve business problems.

WORK EXPERIENCE

Data Analyst Intern   Jan 2023 – Present
Bubble Card | Colombo, Sri Lanka

- Collecting and cleaning large datasets using Python and SQL
- Analysing data to uncover insights and trends using statistical analysis and visualisation tools such as Python's Pandas and Matplotlib libraries
- Presenting insights to senior management, leading to the implementation of new customer engagement strategies that increased customer satisfaction by 20%.
- Developed automated reports and dashboards to monitor key performance indicators and track progress towards organisational goals.
- Collaborated with cross-functional teams to identify data-driven opportunities for process improvement and business optimization.

Bioinformatics Intern   Jan 2022 – June 2022
NYSCHEY Pvt Ltd | Colombo, Sri Lanka

- Processed large-scale genomic and transcriptomics data using various tools and software such as Python and R.
- Automated data processing tasks, reducing analysis time by 40%.
- Discovered new gene expression patterns in complex datasets, leading to the identification of potential therapeutic targets.

PROJECTS

Data Exploration and Model Development App [View in GitHub](#)

- ML Model Trainer Pro is an interactive web application built using Streamlit, a Python library for creating machine learning and data science projects. It allows users to upload their dataset, select machine learning algorithms, fine-tune hyperparameters, train the model, and evaluate its performance.

PowerBI Dashboard: Car Supply Chain Management [View in GitHub](#)

- This project showcases interactive PowerBI dashboards for car supply chain management, leveraging a dataset obtained from Kaggle. The dataset underwent exploratory data analysis (EDA), cleaning, and preprocessing using Python before being connected to MySQL for further data manipulation and analysis.

Visualising British Airways Reviews with Tableau [View in GitHub](#)

- This project showcases interactive PowerBI dashboards for car supply chain management, leveraging a dataset obtained from Kaggle. The dataset underwent exploratory data analysis (EDA), cleaning, and preprocessing using Python before being connected to MySQL for further data manipulation and analysis.

CERTIFICATIONS

Deep Learning Specialisation

IBM DevOps and Software Engineering Professional Certificate

EDUCATION

PgD in Data Science - *GPA 3.0*   Jan 2023 - May 2023
University of Toronto (Canada)

Bachelor of Science (BSc.) - *GPA 2.8*   Sep 2017 - May 2022

SKILLS

- Data Analysis: Statistical analysis, exploratory data analysis (EDA), hypothesis testing
- Machine Learning: Regression, classification, clustering, natural language processing (NLP)
- Programming Languages: Python (NumPy, pandas, scikit-learn), R, SQL
- Data Visualization: Matplotlib, Seaborn, Plotly, Tableau
- Tools & Technologies: TensorFlow, PyTorch, Jupyter Notebook, Git, Docke