

JANNATUL FERDAWS

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OBJECTIVE

Highly skilled and dedicated Data Analyst with expertise in end-to-end project delivery and a strong background in Excel, SQL, Python, data analysis, ML algorithms, predictive analysis, hypothesis testing, EDA, data visualization, NLP, and BI tools like Microsoft Power BI and Tableau. Seeking a challenging role where I can utilize my analytical skills and collaborate with stakeholders to drive data-driven decision-making and deliver actionable insights. Committed to leveraging my experience in stakeholder management and problem resolution to contribute to the success of the organization.

EDUCATION

Master in Computer Science, Teesside University 2023

Relevant Coursework: Big Data and Business Intelligence, Machine learning, Artificial Intelligence.

Academic Project: **US Sales Analysis through PowerBI**

- USA E-Commerce data 2020 has been analysed through PowerBI where it's been found that the state of California made the highest sales with nearly 150k of total sales.
- Highest sales and profit was made in November and March respectively.
- Also, Canon ImageCLASS 2200 Advanced Copier has been identified the highest profitable product.

Explaining Stroke Detection with XAI

- Developed a XAI model to explain stroke detection with supervised learning and evaluated the model's performance using various metrics such as accuracy, precision, recall, and F1 score.

Bachelor of Software Engineering, Daffodil International University 2017

SKILLS

Technical Skills	Data Mining and Cleaning, EDA, ETL, Model Development, Data Analysis and Visualization
Soft Skills	Problem-Solving, Communication, Time Management, Ethics and Integrity
Tools	MySQL, MySQL Workbench, Excel, PowerBI, Tableau, Python, Jupiter, Spyder, ML Algorithm

EXPERIENCE

Data Scientist Intern Jan 2022 - April 2022
Data Glacier *Remote*

- Assessed the business requirements, anticipated corporate procedures, and unearthed data to enhance our strategic approaches and devised techniques to clean more than 13 million entries of data, structuring it into a pivot table format to extract and integrate insights. This endeavor aided our client in promoting their products and boosting sales by 36%.
- Formulated recommendations for the client's future company expansion by using EDA, resulting in a 23% increase in revenue.

Data Analyst Intern Jan 2022 - April 2022
SeerBI *Middlesbrough, England*

- Leveraged Microsoft Power BI to create dynamic and interactive dashboards focused on sales-related data, enabling more informed decisions on capital allocations for products.
- Designed and implemented dashboards to monitor key performance indicators (KPIs) such as profit assessment, productivity, and sales metrics, resulting in a notable 10% increase in operational efficiency.

- Generated visually engaging reports and presentations using Power BI and Excel, facilitating better understanding and decision-making.

Data Analyst Intern

SeerBI

Jan 2022 - April 2022

Middlesbrough, England

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Organisational Development Specialist

Masison mahdil

March 2018 - April 2020

Dhaka, Bangladesh

- Gathered data from various sources, including users and business partners associated with supply chain activities, and conducted data collection, analysis, interpretation, and presentation to management and team members.
- Developed insightful multi-country trends, market insight monitors, analytical commentary, and presentations utilizing Microsoft Excel.
- Provided comprehensive SQI (Sales, Quality, and Input Demand) reporting, encompassing sales-related information, quality metrics, and input demand analysis.

PROJECTS

Covid-19 Data Exploration Using SQL

- Executed a comprehensive Covid-19 data exploration project using SQL, analysing a dataset of over 200,000 rows.
- Discovered that the United States had the highest infection count, with 576,232 cases, showcasing strong SQL querying and data processing skills.
- Identified Europe as the continent with the highest infection rate, showcasing a deep understanding of global Covid-19 trends and adeptness in extracting insights from extensive datasets.
- Calculated Africa's mortality rate at 3.43%, the highest among all regions, demonstrating a keen ability to analyse data and interpret statistical findings.

Customer Retention Analysis

- Developed and implemented a Power BI project to analyse Customer Retention where the dataset was contained with 7000 plus rows and 23 columns.
- Leveraged advanced Power BI features such as DAX calculations, Power Query transformations, and data modelling to deliver comprehensive and interactive reports.
- Found out that 43contract where the least of the churned customers had Two -Year contract which is 3%.
- Observed that improving Fibre optic network services would be great way to retain customers.

Spam Classifier with NLP

- Classified spam from email by using Pandas, Numpy, Matplotlib, NLTK Naive bayes.

EXTRA-CURRICULAR ACTIVITIES

- Engaged in local and regional hackathons, demonstrating problem-solving skills and a passion for using data to drive innovative solutions.
- Completed online courses and obtained certifications in data analysis, machine learning, and statistics, demonstrating a commitment to continuous learning and professional development.