Data Analyst

TUSHAR KANTI PATRA

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Skills

- SQL (SQL Server, MySQL, SQLite)
- Python (Pandas, NumPy, SciPy, MatPlotLib, Seaborn)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- AWS, Supabase, Firebase
- Statistic, Mechine Learning
- Microsoft Azure (DataBricks, Azure Data Lake, Azure Data Warehouse)
- PySpark
- Microsoft Power BI

Projects

AIM SEEKER – Personal Project   April 2024

- Utilized **Python** to analyze 7000 data science job listings and gain insights on what it takes to land a job in analytics
- Implemented the complete ETL process and extracted data using the Selenium.
- standard deviation (STD), mean, median, mode, using Pandas, **NumPy**, and **SciPy**
- Aggregated and visualized the data by using **pandas, matplotlib** and **wordcloud** to compile a professional report

ACCIDENT ANALYSIS – Personal Project   February 2024

- Created a dashboard with **Power Bi** to help client compare between different employee benefit packages
- Proven track record in delivering comprehensive insights to drive informed decision making
- Provided technical insights on how the client can fully utilize their data by introducing different technologies
- Consulted with client to determine the best metrics to be displayed on final product

SENTIMENT ANALYSIS ON TWEETS – Personal Project – Philadelphia, PA   January 2024

- Utilized **R Studio** to perform sentiment analysis on 14,000 tweeter reviews of six major airlines
- Performed data cleaning and text analysis to successfully identified the major complaints for each airline
- Applied regression and machine learning to produce a final model with an accuracy of 88% and lift of 34%

BANK LOAN PREDCTION– Personal Project   November 2023

- Utilized **SQL** to extract data from 8 different related tables from customer sales databases using **JOIN** and **VIEW**
- Developed ML model for bank loan prediction, optimizing decision-making
- Trained model using logistic regression, decision trees, and gradient boosting
- Loaded and visualized data with **Python** to identify key business intelligences that can improve sales performance

Work Experience

PYTHON DEVELOPER – Cyber3ra   May 2023 - September 2023

- utilizing Python libraries such as BeautifulSoup, Selenium, and Requests to scrape data from a variety of websites
- Generated three process reports weekly for continuous accounts for financial and developmental analysis
- Analyzed domestic and international reinsurance agreement contracts wording to issue/update policies accordingly

Education

MASTER OF COMPUTER APPLICATION – Vellore Institute of Technology   August 2023 - May 2025
Majors: Business Analytics, Data Science, Mechine Learning, Data Analytics

BACHELOR OF COMPUTER APPLICATION – Brainware University   August 2020 - July 2023
Majors: Computer Applications, Data analytics