Saba Amin

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LinkedIn: linkedin.com/in/sabaamin-atta | GitHub: github.com/Wamuza1
Portfolio:https://wamuza1.github.io/Saba_Portfolio/

Summary

Ambitious Data Scientist with the skills and drive to pose and answer questions with quantitative-driven insights and decision-making. Earned a Data Science Certificate from Rutgers University BootCamp. Taking another advanced program focuses exclusively on statistical and predictive analysis using Machine Learning to take a deep dive and become a subject matter expert. Creative, intellectual, and excelled in gathering, analyzing, interpreting, and presenting crucial findings from structured, unstructured, semi-structured and all sizes of datasets. Attentive to detail, passionate about data, and excellent at communicating. Perfect candidate for a dynamic organization, and collaborating across diverse groups. Excited to put skills to use and committed to helping the organization reach its goals.

Technical Skills

Languages: Python, R, JavaScript, HTML, CSS, SQL, NoSQL
Applications: GitHub, MongoDB, PostgreSQL, AWS, Flask, Tableau
Tools: Excel, Sqlalchemy, Databasing, Pandas, Regression, Classification

Projects

Credit_Risk_Analysis:|https://github.com/Wamuza1/Credit_Risk_Analysis
Evaluated various machine learning models to determine which model is better at predicting credit risk.

- Tools: Python, Pandas, NumPy, Supervised Machine Learning

Statistical analysis | https://github.com/Wamuza1/MechaCar_Statistical_Analysis
A statistical analysis of the metrics of the "AutosRUs MechaCar" to enable manufacturing progress.

- The analysis provides the manufacturing team with valuable insight to make informed decisions and improve the production process.
- Tools: R, RStudio, T-Testing, Multiple Linear regression

Big Data | https://github.com/Wamuza1/Amazon_Vine_Analysis
By using PySpark, Extract, Transform, and Load(ETL), analysis on Amazon reviews written by paid v nonpaid members to determine the bias of favorable vine reviews.

- Tools: PySpark, Google Colab, PgAdmin, AWS RDS, S3

Data Visualization | https://github.com/Wamuza1/bikeSharing
A Tableau analysis of CitiBike data to transplant the idea of a bike-sharing system to a new city.

- Insightful visualizations have been created for an investor presentation to demonstrate when the bike sharing program would have the most active ridership and who would use the bike sharing program.
- Tools: Tableau, Python, Jupyter Notebook

Single Page Application | https://github.com/Wamuza1/Mission_to_Mars
The project showcased the development of a website application using web-scraping techniques for collecting data, storing data into MongoDB, analyzing data, and then visually communicating our insights.

- Tools: Jputer notebook, Vscode, Flask, BeautifulSoup, splinter, Pandas, ChromeDriverManager, MongoDB.

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Education

Bachelor Degree: Rutgers University, New Jersey
Business Administration Data Analytics(2024)

Data Science Certificate: Rutgers University
A 24-week intensive program focused on gaining technical programming skills in Excel, Python, R, JavaScript, SQL/ NoSQL Databases, Tableau, Big Data, Neural Networks, and Machine Learning.

Associate Degrees: Middlesex College, New Jersey
Business Administration
Business Information Systems

Taking, Data Science and Machine Learning Program: Big Bang Data Science Solution
A 30-week rigorous program focused on Data Science and Machine Learning Algorithms, Regression, Classification, Anomalies detection, Time Series, NLP, and Deep Learning.