





Tahiya Rahman

Rigorous and analytical minded self-starter with a passion to discover meaningful data insights and validating data driven changes. Capable of gathering, manipulating, and interpreting data and uncovering insights that drive business decisions.

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 [Tahiya's LinkedIn Profile](#)

WORK EXPERIENCE

Data Analyst-Enterprise Risk Management Bread Financial

May 2023 to current

- Predictive models for repeating issues of customer banking, risk and threats analysis using clustering unlabeled data in unsupervised machine learning.
- Topic modeling on non-matrix factorization and LDA to cluster the data for text mining and creating topics to create the result for coherence score and classify the risk key issues assigned to the remediation.
- Control charting for daily update, schedule alerts with the condition matrix from datasets and synchronize, created Interactive dashboards for topic matrix and build story for presentation to business.
- Supports the strategic development, implementation, and effective execution of the Enterprise Risk program, the key program elements of which cover: internal loss, external loss, risk assessment, KRIs, scenario analysis, training models, awareness and communication issues, remediation planning and tracking tickets and reporting testing, regulatory compliance, and monitoring.

Skillset: Dataiku, MicroStrategy reporting

Data Analyst Google Analytics, NSTEM Data Analytics Department

March 2022 to April 2023

- Refurbished data by creating analyses, forecasts, and visualizations followed by the organization's compliance and ETL process.
- Discern the data flaw, and discrepancies to pinpoint and resolve them by acting with due diligence and team collaboration.
- Create analysis depending on the timeline, budget, business value, and competencies.
- Utilization of business intelligence tools based on the situation, create interactive dashboards with multiple datasets in Tableau, Ad-hoc, and Data Studio to effectively communicate data to PMs depending on the presentation requirements.

Google Analytics, Google Looker Studio, Big Query

Reporting Analyst Internship Cox Communications

September 2021 to January 2022

- Conducted analysis in areas such as KPI performance against targets & goals, and sales, operations, forecast accuracy, segmentation, resource allocation, store compliance, merchandising, geospatial, and customer service.
- Data visualization and developed new KPIs metrics to identify trends in all the operational regions.
- Collaborated with the sales leads and the stakeholders to collect, document, and analyze business requirements to transform the data for system deliverables clearly.
- Ensured data quality processes for integrity and accuracy of the sources, reported leveraging automation and monitoring capabilities to proactively identify anomalies.
- Lead training sessions on the software developed and presented to management for approval of deployment.
- Utilized Python to create data pipelines in Atom and set them to automatically fill tables daily with hundreds of rows from over a million daily users.

Excel, Python, Tableau, Databricks, Jira

IMPORTANT COURSEWORK

- Implement basic minimax algorithm via alpha-beta pruning to create, search game trees and analyze insights if user behavior, test various games for effective learning in the course Python Programming.
- Data modeling of inventory control management of Database project with an assigned design goal to create a variety of products turnover, optimization process to reduce the cost and taxes through the proper implementation of My SQL, and designed ER diagram in Database Programming course.
- Python pipeline through pandas, showed the acquisition rate, behavior, and conversion rate for the Website of the NSTEM.
- To increase the search performance of the user audience created reports from, google analytics and effective keywords including positive and negative keywords with google keyword planner for remarketing and customer reporting.
- Landing Pages report, the Page Value metric, custom segmentation, and the Reverse Goal Path report.
- A Machine Learning Approach to Predicting NSTEM's LinkedIn Outreach and Identifying Key Factors for Post Performance.

TECHNICAL SKILLS

Programming Language:

Python SQL
JAVA R SAS

Database/Server:

My SQL ORACLE

Data Visualization:

Tableau MicroStrategy
Looker Studio

Other Tools & Techniques:

Machine Learning Data Wrangling NLP
Topic Modeling REST API, Apps & Integration
Deep Learning Big Data Tools Clustering
Scrum/Agile Methodologies Generative AI
Structured/Unstructured Data Storage Technologies

EDUCATION

Bachelor of Science
| Data Management and Analytics
Western Governors University
2023 - 2024

2-Yrs Transfer to 4-Yrs Institute

A.A.S. Degree

| Data Science and Programming Support Services
Wake Technical Community College, RTP Campus
2021 - 2023

CERTIFICATION

Google Advanced Analytics
Dataiku Core Designer