



Summary:

Experienced Data Science, Machine Learning & Data Analyst with expertise in data analytics and visualization gained through roles at Accenture North America on Forage, HiCounselor Real World Project Practice, and virtual internships of data science with Codsoft and Data Glacier, Machine learning virtual internship with Intern Career. Proficient in Python, SQL, and Power BI, with a focus on solving complex problems and delivering actionable insights. Skilled in conducting exploratory studies, developing predictive models, and presenting findings effectively to stakeholders. Strong academic background in Computer Science complemented by certifications in web development, Python, and Machine learning.

Seeking a position to apply my expertise and contribute to a dynamic team. Eager to find a role that allows me to implement my knowledge and make a meaningful impact.

Experience:

1- Accenture North America Data Analytics and Visualization Job Simulation on Forage - March 2024

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modeled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

2- CodSoft Internship

1- Credit Card Fraud Detection Data Science Project

(Bank data from Kaggle, on which PCA has already been applied, needs preprocessing and exploratory data analysis (EDA). Afterward, model training using various algorithms is conducted, followed by handling the imbalanced data using techniques such as under-sampling and over-sampling.)

2- Sales Prediction

The libraries utilized include Scikit-learn, Pandas, NumPy, Matplotlib, and Seaborn. Initially, Exploratory Data Analysis (EDA) is conducted, followed by normalization. Subsequently, Linear Regression is employed to predict sales, and the accuracy is assessed.

Projects:

1- Movie Recommendation System

To build a recommendation system, Scikit-learn, NLTK, Pandas, and NumPy are utilized. The steps involved include data collection, text preprocessing (including tokenization and stemming), creating a Bag of Words representation, and implementing a Recommendation Algorithm (such as Cosine Similarity).

2- AI-Agents-Hackathon-2023

Participated in the AI-Agents-Hackathon-2023 and developed a diagnostic app utilizing Langchain, OpenAI, and Streamlit for web deployment. Users are required to initially input their OpenAI key. Then, utilizing pre-existing CSV files, OpenAI reasoning is employed to address user inquiries.

3- Restaurant- Sales-Report

Potential Uses: Analyzing sales trends over time. Understanding customer preferences for different items. Evaluating the impact of payment methods on revenue. Investigating the performance of staff members based on gender. Exploring the popularity of items at different times of the day.(Using Pandas, Numpy, Matplotlib, Seaborn)

4- Unveiling the Stars: An Exploratory Study on NASA Astronauts

The sandbox virtual environment is utilized to display the Jupyter Notebook, Python (Pandas for data preprocessing), and SQL (connecting to the database using Python followed by data analysis).

Core Skills:

- Microsoft SQL Server
- Exploratory Data Analysis
- Data Analysis
- Python (Programming Language)
- Machine Learning
- Problem Solving
- Research
- Analytics
- Microsoft Power BI
- Data Visualization (Numpy, Pandas, Matplotlib, Seaborn, Scikit Learn)

EDUCATION



Mirpur University of sciences and technology Bachelor of
Applied Science - BS, Computer Science 2019 - 2023

CERTIFIATIONS



PNY

Course, web development
Sep 2021 - Jan 2022



University of Michigan

Course, Python
2020 - 2020



Coursera

Course, Machine Learning by Andrew Ng,
Coursera