

Aman Paul Chowdhury

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Skills

- JavaScript | Python | React | HTML | CSS | Tailwind | SQL | PowerBI | Tableau | R | NumPy | Pandas | Seaborn | Matplotlib
- Data Pipelines- Amazon AWS | Amazon EFS | PyTorch | Docker | Hadoop
- Frontend | Data Analysis | Machine learning – *All professional proficiency or above*
- Soft Skills – Team player | Bias for action | Deliver results

Projects

Netflix- Data analysis

05/2024 - 05/2024

- Netflix wants to gather useful insights on their shows and movies for their subscribers through their datasets.
- The issue is, they are working with too much data (approximately 82k rows of data combined) and are unsure how to effectively analyze and extract meaningful insights from it.
- Led the development, from identifying requirements by analyzing the data using SQL and Python.
- They need a robust and scalable data analytics solution to handle the vast amount of data and uncover valuable patterns and trends.

AI Voice -bot

04/2024 - 04/2024

- Implemented AI voice chat bot using python, that can handle incoming calls, transcribe speech, generate intelligent responses, and provide a human-like conversational experience.
- Designed and developed systems facilitating Perfect for call centers, customer support, and virtual receptionist applications.
- AssemblyAI speech-to-Text API for accurate real-time transcription.
- OpenAI's powerful language models for natural language processing (NLP) and response generation.
- ElevenLabs' AI voice synthesis to convert text responses into natural-sounding audio.

Food delivery app

01/2024 - 05/2024

- Designed and implemented a food delivery app using frontend tools -React.js, HTML, CSS, and JavaScript.
- Features – Browse various kind of food items. Add the item to the cart, view details about the items and prices.
- To fix the issue of the instant delivery of food and grocery in quick commerce segment.

ML Micro Projects

01/2024 - 05/2024

- Ecommerce app vs website customer acquisition using linear regression model
- Loan prediction using decision tree and random forest
- Exploratory Data analysis using Logistic regression for predicting user click on advertisement.

Education

Master of Science

Kent State University

Kent, OH, USA

01/2024 - 05/2025

- Major in Business Analytics (3.76/4)

Experience

Claim Analyst: -

AXA

01/2022 - 12/2023

- Resolved complex and severe exposure claims using high service-oriented file handling.
- Preparing Dashboard's on Tableau on weekly basis for team meetings.
- Created data pipelines for solving complex claims and delivering the clients before the turnaround time.
- Designed and developed systems facilitating clients to perform various optimization experiments.
- Used advance excel and SQL to seamlessly navigate through complex claims databases, execute queries, and extract meaningful insights.

Honors and Rewards

- **YHEI award** - Extraordinary performance for two consecutive years.(01/2022 - 12/2023)
- **Best employee of the year award**- Experiments altogether generated more than \$x million revenue, played a pivotal role in achieving annual team goals.

Coursework

- Data Structure and Algorithm , Machine Learning, Data Mining, Applied Statistics, Linear Algebra, Differential equations