Bibhuti Baibhav Borah

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EXPERIENCE

Perch AI

Data Engineering Intern   November 2024 – April 2025

- Developed geocoding module for RAG system; resolved 100+ weekly edge-case location issues, improving search accuracy.
- Built Python-based web scrapers for 700K+ real estate sources; pushed processed URLs with metadata to PostgreSQL via REST APIs.
- Implemented automated data pipelines using Python and SQL to extract, transform, and load large structured datasets; ensured data reliability and reduced manual processing time by 40%.

SKILLS

Tools: Advance MS Excel, Microsoft Office suite, Power BI Desktop, Matplotlib, Pandas, NumPy, MySQL

Technologies: Python, Data Visualization, Time series analysis and forecasting, ARIMA, RNN, Machine Learning, Decision Trees, Regression, Classification, Data Structures, Web Scraping, Statistics

PROJECTS

Real time Shopify Analysis Power BI Project: Link

- Developed an interactive Power BI dashboard to analyze 7,000+ sales records across fat content, item type, and outlet location, enabling detailed performance tracking.
- Cleaned and transformed raw data, built data models, and created 20+ DAX measures; reduced manual reporting time by 30% and significantly improved sales insights and decision-making.

Credit Risk Modelling using Machine Learning: Link

- Analyzed 50,000+ Bureau and product records; conducted EDA on 35+ features for credit risk insights.
- Implemented Random Forest model; tuned hyperparameters to achieve 92% accuracy in multiclass classification.

Vendor Performance Data Analytics End-To-End Project: Link

- Executed an end-to-end data analytics project to evaluate vendor and inventory performance in the retail/wholesale domain.
- Delivered insights that optimized pricing, boosted inventory turnover by 15%, and help vendor profitability strategies.

Hypothesis Testing for Fare Payment Impact in Taxi Services: Link

- Engineered Python script to analyze taxi fare variations across payment methods; discovered credit card transactions yielded 15% higher average fares due to increased tip amounts, strengthening revenue projections.
- Leveraged descriptive statistics to uncover revenue optimization strategies, identifying key differences between cash and credit card payments.

CERTIFICATIONS

- HackerRank - SQL Gold Badge Link
- IBM Data Science Professional Certificate: Coursera Link

EDUCATION

- CMR Institute of Technology   Bangalore, Karnataka, India
  Master of Computer Applications (MCA)   2021 – 2023
- Girijananda Chowdhury University   Guwahati, Assam, India
  Bachelor of Computer Applications (BCA)   2018 – 2021