Himanko Boruah

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WORK EXPERIENCE

TRINITY | Data Analyst Intern | Remote
September 2024 - Present

- Spearheaded the ”Hiring Process Analytics” project using SQL and Tableau, reducing average time-to-hire by 15%.
- Designed interactive Power BI dashboards, enhancing decision-making efficiency by 20%.
- Diagnosed recruitment bottlenecks and enhanced conversion rates through advanced funnel analysis, improving process efficiency by 10%.

GOOGLE CLOUD SKILLS BOOST | Associate Cloud Engineer Trainee | Remote
August 2024 - January 2025

- Developed and implemented scalable ML workflows on Google Cloud Platform (GCP), reducing pipeline latency by 30%.
- Integrated and fine-tuned BigQuery, Kubernetes, and Cloud Functions, handling datasets of over 10M records.
- Partnered with cross-functional teams to deliver cloud-native solutions, increasing scalability and efficiency by 25%.

NIT, SILCHAR | Research Scholar | Silchar, India
August 2022 - July 2024

- Designed a Sign Language Translator System leveraging advanced computer vision and ML models, achieving 98% accuracy.
- Published a patent titled ”A Sign Language Translator System and Method for Identifying Health Conditions of the Hard-of-hearing Population” (Patent No. 202431044356, July 14, 2024).
- Optimized annotation workflows, improving model precision and reliability by 15%

PROJECTS

CAR PRICING & PROFITABILITY INSIGHTS | Trinity, Remote | [Project Link]
November 2024 – January 2024

- Conducted analysis of 10,000+ car records using Python (Pandas, Seaborn) to identify profitability drivers like engine type and safety ratings.
- Developed regression models ($R^2 = 85\%$) to forecast pricing trends, enabling data-driven marketing strategies.
- Enhanced data integrity by 30% through preprocessing techniques, including imputation and outlier handling.

LOAN DEFAULT ANALYSIS | Trinity, Remote | [Project Link]
Jan 2018 – May 2018

- Analyzed 5,000+ loan applications with EDA, uncovering demographic and behavioral patterns driving default risks.
- Improved dataset quality by 25% using outlier treatment and missing value imputation, enhancing prediction accuracy.
- Proposed actionable strategies for high-risk groups, reducing default prediction errors by 10%.

EDUCATION

NATIONAL INSTITUTES OF TECHNOLOGY
Master of Technology in Signal Processing
August 2022 - July 2024
Silchar, India
Cum. GPA: 8.8 / 10.0

ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY
Bachelor of Technology in Electronics and Communication Engineering
June 2017 - July 2021
Guwahati, India
Cum. GPA: 7.5 / 10.0

SKILLS

PROGRAMMING:
• Python (Pandas, NumPy, Matplotlib, Seaborn), Matlab

DATA MANAGEMENT:
• SQL
• MySQL Workbench
• Microsoft Excel (Advanced)

TOOLS & PLATFORMS:
• Google Cloud Platform
• Jupyter Notebooks
• Git/Github

OTHER:
• Documantation
• Presentation
• Communication

COURSEWORK

GRADUATE
• Advanced Machine Learning
• Image Processing
• Pattern Recognition
• Advanced Signal Processing
• Machine Learning

CERTIFICATES

• Cloud Security and App Development Environment – Google Cloud [Credential Link]
• Data Analyst – Trainty Internship [Certificate Link]