AWAZ BHUJEL

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"Junior Data Analyst with 2+ years of project and freelance experience. I use Python, SQL, and Power BI to turn raw data into clear, actionable insights that help businesses make smart decisions."

SKILLS

Programming language: Python, R
Data Visualization: Power BI, Matplotlib, Seaborn
Data Manipulation: Pandas, NumPy, MS Excel
Machine Learning: Supervised, Unsupervised, NLP, Scikit-learn, TensorFlow
Database Management: SQL, MySQL, PostgreSQL
Web Technologies: HTML, CSS, JavaScript
Version Control: Git, GitHub

WORK EXPERIENCE

Artificial Intelligence Intern   Nov 2024 - Feb 2025
Infosys Springboard, Remote

- **Developed AI-powered features** for the Beyond QWERTY Form Filling Project, automating form filling using natural language processing (NLP) and machine learning, enhancing user interaction across web and Android platforms.
- **Designed and implemented a seamless user interface** for web and Android apps, enabling efficient form field recognition, auto-completion, and error reduction in real-time form filling.
- **Integrated AI algorithms with backend systems**, ensuring smooth and scalable functionality across both platforms.

Diploma In Information Technology Teacher   Sept 2024 - Present
Sailaja Acharya Memorial Polytechnic, Nepal

- Taught courses on Excel, DBMS, and Python Programming, emphasizing practical applications of data concepts.
- Analyzed performance metrics of 50+ students to improve teaching strategies and outcomes
- Conducted hands-on training sessions to build proficiency in data-driven problem-solving and foundational technical skills.

PROJECTS

Spam Detection System Using Python (GitHub)

- Developed a **Machine Learning model to classify SMS messages as spam or ham**, achieving an **accuracy** of 80%+ using algorithms like Naive Bayes and Logistic Regression.
- Utilized **TF-IDF vectorization** for feature extraction, optimizing model performance, and reducing overfitting.
- Built **Streamlit web application**, enabling real-time message classification and achieving **precision and recall** of 80%+ accuracy.

Smart Road Safety Analytics for Accident Prevention Using Excel, SQL & Power BI (GitHub)

- Conducted **data cleaning, preprocessing**, and analysis on a dataset of **307,974** road accidents using **Excel** and **SQL** queries to identify key trends and high-risk areas.
- Created a dashboard using **PowerBI**, resulting in **8+** visualizations to analyze accident frequency, and severity distribution, utilizing mapping capabilities to identify high-accident zones and incorporate slicers and filters for data exploration
- Developed **6+ key performance indicators (KPIs)**, including total casualties and accidents with a **12% year-over-year (YoY) decrease**, to monitor and analyze road safety trends effectively.

EDUCATION

HKBK Degree College, Bengaluru, India (2021-2024)
Bachelor of Computer Applications **(Bangalore North University)** | **CGPA: 8.5**
Specialization in Data Analytics(Excel,SQL,PowerBI and Python)
Infosys Springboard Artificial Intelligence Certification
Certifications: Python Programming Workshop, IBM Data Analysis using Python