Muhammad Awais Mustafa

Data Analyst | Python, Excel, Power BI | Machine Learning

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Profile Summary

Detail-oriented Data Analyst with strong coding skills in Python and SQL, adept at building machine learning models and Power BI dashboards. Proven problem-solving ability through diverse projects, including app deployment and data visualization. Two-time bronze medalist and Dean's List achiever at Fast National University, eager to contribute to software development in a professional environment.

Technical Skills

- Languages: Python, SQL
- Libraries/Frameworks: Pandas, NumPy, Seaborn, Matplotlib, Scikit-learn, TensorFlow, NLTK
- Tools: Excel, Power BI, Jupyter Notebook, SPSS, EViews, NVIVO
- Machine Learning, Text Mining, Data Visualization, Web Scraping

Certifications

- Google Data Analytics Specialization (Coursera)
- IBM: Data Analysis with Python, Python for Data Science
- Stanford University: Supervised ML
- SAP Technology Consultant & Professional Fundamentals
- Advanced Prompt Engineering – Vanderbilt University

Projects

- **Weather Prediction App:** Developed with Python & Neural Networks, deployed via HuggingFace
- **Sentiment Analysis:** NLP on movie reviews using NLTK
- **House Price Prediction:** Linear Regression model
- **Breast Cancer Classification:** Neural Network model in Python
- **Text Mining:** Applied Regex & NLTK for cleaning raw documents
- **Sustainability in Textile Industry:** Qualitative research using NVIVO
- **Power BI Dashboards:** Created visual reports for sales & HR data
- **Resume Shortlist App:** Python-based text mining tool to filter resumes using NLTK and keyword matching

Education

BS in Business Analytics – Fast National University of Computer and Emerging Sciences

- CGPA: 3.21/4.0
- Dean's List (Semester 3 & 5)
- Bronze Medalist (3rd Position in two semesters)

Extracurriculars

- Co-Head Graphics Team – Trading Society
- Executive Member – Blood Donation Society

Languages

English (Fluent), Urdu (Native)