Boga Tejaswini

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PROFESSIONAL SUMMARY

Dynamic and results-driven recent MBA graduate with a strong foundation in data science and data analytics with proven ability and experienced in developing Data Science projects with DS and Algorithms. Proficient in leveraging analytical skills and business knowledge to drive strategic decision-making and improve operational efficiency. Skilled in Python, SQL, and various data visualization tools. I have done some projects as data analyst with using tools such as PowerBi for Data Visualisation. Adept at transforming complex data into actionable insights to support business growth and innovation.

EDUCATION

Badruka college of pg center, Hyderabad   **2021-2023**
Master of Business Administration(MBA) 7.8 CGPA   Hyderabad
University for women, koti, Hyderabad   **2018-2021**
Bachelor of Science(MPC) 8.2 CGPA

SKILLS

- **Mathematics for ML & DL:** Algebra, Probability, Statistics, Calculus, Matrix.
- **Programming Languages:** Python, SQL
- **Technical Skills :** PoweBI, Python (NumPy, Pandas, sklearn, Seaborn, Matplotlib ,NLTK, TensorFlow) Advanced Excel (Excel Formulae, VLookup and HLookup, graphs, Pivot tables, MS Office (Word, PowerPoint).
- **Data Preprocessing:** Data Cleaning, Feature Engineering, Feature Scaling, Categorical Variable Encoding.
- **Machine Learning:** Supervised and Unsupervised Learning Techniques- KNN, Logistic & Linear Regression, Naive Bayes, SVM, Decision Trees, Ensemble Models, PCA, NLP, Clustering and deployment
- **Deep Learning:** Neural Network, CNN, RNN, LSTM
- **Cloud Computing**: AWS (S3, DynamoDB, EC2, Lambda, CloudWatch, Billing and Cost Management).
- **Web Development**: Flask (Python-based micro web framework).
- **Generative AI**: Proficiency in deploying and fine-tuning models like GPT, Stable Diffusion, and more for text and image generation tasks.
- **Platforms:** Anaconda, Jupyter Notebook.
- **Functional Skills:** Data Analysis, Business Intelligence, Data Management, Business Analysis, Machine Learning.
- **Interpersonal Skills:** Critical thinking, time management, Quantitative ability, problem solving, leadership, detail oriented, problem-solving, self-starter, quick learner.

INTERNSHIP

ML Intern at TheSmartBridge

Functional responsibilities

- Developed machine learning models for predictive analytics and classification tasks.
- Worked on real-time data preprocessing, cleaning, and feature engineering for model optimization.
- Integrated AWS for cloud-based model deployment and management.
- Leveraged Flask for developing a REST API for ML model predictions.
- Collaborated with cross-functional teams to implement AI-based solutions.

Data Science Internship in TEKS ACADEMY
Functional responsibilities

- Created visualizations and EDA reports to present analysis for insight the data
- Involved in Data Preprocessing Techniques for making the data usefLeveraged technology to automate daily operational activities.
- Involved in creating various regression and classification algorithms by using various sklearn libraries such as KNN, Logistic & Linear Regression, Naive Bayes, SVM, Decision Trees.
- Involved in creating neural networks using Tensorflow for Deep learning projects.

PROJECTS

Classifying Military Personnel Promotion Eligibility Using Machine Learning

- **Description:** Developed predictive models to analyze and forecast military personnel's promotion eligibility using historical data, focusing on performance, experience, health, and education.
- **Tools Used: Tools Used**: Python (Pandas, Scikit-learn, TensorFlow, Flask), Jupyter Notebook, Visual Studio Code, and html pages.
- **Key Achievements:** Created a comprehensive classification framework, improving decision-making in personnel management and career progression.

Meme Museum: A Curated Collection of Hilarity

- **Description**: Developed an interactive digital gallery showcasing the history and evolution of memes with creative user engagement.
- **Tools Used:** Flask, AWS RDS, EC2, S3, MySQL Workbench, HTML, CSS, Python.
- **Key Achievements:** Deployed a scalable app, implemented secure login, enabled emotion-based meme searches, and fostered creativity through meme creation tools.

Content Creation Hub

- **Description:** Built a web-based assistant using GPT-2 to generate engaging social media posts, hashtags, and insights for improving content performance.

- **Tools Used:** Flask, GPT-2 (Hugging Face), PyTorch, HTML, CSS, Python.
- **Key Achievements:** Enabled AI-driven post generation, optimized hashtag relevance, and enhanced user engagement with a simple and intuitive interface.