Dami Popoola

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Education

Northwest Missouri State University. Maryville, MO GPA: 3.8/4.0
Bachelor of Science in Computer Science *August 2019 – May 2023*
- Relevant coursework: Statistics and Probability, Data Structures, Machine Learning (ML) and Regression Techniques, Data Visualization, Database Management Systems, Cloud Computing, Mobile Development (IOS), Data/Web Mining.

Experience

Computer Science Student Tutor January 2021 - August 2021
Northwest Missouri State University. Maryville, MO
- Tutor students on a range of courses including Python Programming, Java Programming, Web Development and so on.
- Initiate, develop, and maintain a strong relationship with students empowering them to take ownership of their learning.
- Facilitate and foster independent student learning by guiding the student to understand through questioning techniques.
- Follow the established guidelines for a basic tutorial session as set by initial training and professional development.

Data Scientist August 2021 - Present
Freelance
- Collaborated with a retail client to analyze sales and customer data, delivering insights that led to a 12% increase in revenue through targeted marketing strategies.
- Developed and fine-tuned multiple successful predictive models using algorithms with improvement over 12 percent baseline to gain insights into GDP and anticipate growth patterns.
- Conducted A/B testing and performed analysis to measure the impact of ML algorithms on customer ticket purchasing patterns.
- Contributed to the development of ML software systems and frameworks to streamline model deployment and monitoring.
- Developed automated reporting and measurement tools, streamlining data analysis processes and enhancing data-driven decision-making capabilities.
- Implemented advanced data science techniques, including Decision Trees, Random Forest, K-Means Clustering, Neural Networks and so on leading to a 40% improvement in predictive analytics.
- Utilized TensorFlow, scikit-learn, and other quantitative methods to build and evaluate machine learning models.

Projects

Grocery Exploratory Analysis | *Python, Git, Tableau, Kaggle,* Google Colab May 2022 – May 2023
- Completed a job simulation focused on Artificial Intelligence for Cognizant's Data Science team.
- Conducted exploratory data analysis for one of Cognizant's technology-led clients, Gala Groceries.
- Prepared a Python module containing code to train a model and output performance metrics for the ML engineering team.
- Communicated findings and analysis in the form of a PowerPoint slide to present the results back to the business.

Customer Review Prediction | Forage | *JupyterLab*
- Completed a job simulation in association with British Airway's on data science is a critical component of their success.
- Scraped and analyzed customer review data to uncover findings.
- Built a predictive model with accuracy of 92% allowing stakeholders to understand factors influencing customer buying behavior.

Technical Skills

Languages: Python, R, SQL, JavaScript, HTML/CSS.
Technology: Jupyter, Power BI, SAS, Visual Studio Code, WordPress, Git, Docker, Firebase, D3, MATLAB, Spark, kubernetes, Jira, MLflow, Pipefy, Tableau, Microsoft Azure, Microsoft Excel, Microsoft Access.
Libraries: Pandas, NumPy, Matplotlib, scikit-learn, sk-learn, PyTorch, scipy, TensorFlow.