Nandana V Shamjith

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OBJECTIVE

Recent Computer Science graduate with strong skills in Python, SQL, Power BI, and Tableau, seeking a data-focused role to apply expertise in data analysis, data engineering, machine learning, and data visualization. Eager to contribute to data-driven decision-making and deliver actionable insights in a dynamic organization.

EDUCATION

SRM Institute of Science and Technology
B.Tech in Computer Science with Business Systems | 2020 – 2024 | CGPA: 9.10

Bharathiya Vidya Bhavan (CBSE Board)
12th Grade: 71.4% | 10th Grade: 78.6%

TECHNICAL SKILLS

- Programming: Python, C
- Database Management: SQL
- Data Analysis & Visualization: Power BI, Tableau, Excel, Matplotlib, Seaborn
- Machine Learning: Classification, Regression, Clustering, Predictive Modeling
- Deep Learning: Neural Networks, CNNs, RNNs, TensorFlow, Keras
- NLP: Text Preprocessing, Sentiment Analysis
- Time Series Forecasting: Forecasting Models, Temporal Data Analysis
- Tools & Platforms: Microsoft Office (Word, Excel, PowerPoint), Jupyter Notebook, VSCode, GitHub, Spyder
- AI Tools: ChatGPT for Data Analysis, Prompt Engineering

PROFESSIONAL EXPERIENCE

Data Science Intern

Data Spark LLP, Kozhikode | June 2024 – Present

- Assisting in the development of machine learning models for real-world business problems.
- Performing data wrangling, preprocessing, and feature engineering tasks.
- Building and evaluating predictive models to enhance decision-making processes.
- Visualizing complex datasets to provide actionable insights.

PROJECTS

- Employee Promotion Prediction

    - Developed a machine learning model to predict employee promotions based on performance and tenure.
    - Tools/Techniques: XGBoost
    - Outcome/Impact: Improved prediction accuracy for promotions.

- Sales Optimization

    - Analyzed sales data and applied optimization techniques to improve sales performance.
    - Tools/Techniques: Lasso Regression
    - Outcome/Impact: Increased sales and improved inventory management.

- Movie Recommendation System

    - Developed a movie recommendation system using collaborative filtering techniques to suggest personalized movie options for users.
    - Tools/Techniques: Python, Pandas, Scikit-learn
    - Outcome/Impact: Achieved high recommendation accuracy and improved user engagement.

- Employee Performance Dashboard

    - Developed a dashboard to track employee performance and HR metrics.
    - Tools/Techniques: Power BI (DAX), Kaggle Employee Performance Data
    - Outcome/Impact: Enabled real-time performance tracking.

- Sales Dashboard

    - Created a Power BI dashboard to visualize sales trends, top-performing products, and regional performance.
    - Tools/Techniques: Power BI (DAX), Kaggle Sales Data
    - Outcome/Impact: Enhanced sales insights and decision-making.

- Financial Analysis Dashboard

    - Built a financial dashboard to monitor revenue, expenses, and profitability.
    - Tools/Techniques: Power BI, Kaggle Financial Data
    - Outcome/Impact: Provided insights for strategic financial planning.

CERTIFICATIONS

- Generative AI for Data Analysis
- Python Programming
- C Programming

SOFT SKILLS

Communication | Teamwork | Time Management | Adaptability | Analytical Thinking | Problem Solving | Curiosity | Goal-Oriented