PAVITHRA BALAJI

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SUMMARY

Objective: Dynamic and results-oriented data analyst with expertise in collecting, cleaning, and preprocessing data from diverse sources. Proficient in utilizing statistical techniques, data visualization tools, and programming languages such as Python and R to conduct thorough analysis and extract actionable insights. Skilled in interpreting findings to identify trends, patterns, and correlations, and adept at presenting results to stakeholders through clear and concise reports, dashboards, and presentations. Committed to continuous learning and staying updated on industry trends to enhance data-driven decision-making and contribute to organizational success.

EDUCATION

St.josesph's mat hr sec school
computer science
2020-80%

BSA crescent institute of science and technology
BCA-DATA SCIENCE
2025-9.42CGPA

SKILLS

- Data Analysis
- Statistical Analysis
- Data Visualization
- Programming (Python, R, SQL)
- python library(numpy,pandas,sk-learn,streamlit,polar)
- Excel,MS-powerpoint
- Data Cleaning and Preprocessing
- Database Management
- Machine Learning (Basics)
- Critical Thinking
- Problem-Solving
- Attention to Detail
- Communication
- Teamwork
- Time Management
- Continuous Learning

CERTIFICATIONS

- python masterclass by udemy
- Data science bootcamp by udemy
- professional introduction of data analytics by microsoft in linkedin

Membership: Crescent Innovation and Incubation Club (CIIC)

- Actively participated as a member of the Crescent Innovation and Incubation Club (CIIC), an organization dedicated to fostering innovation and entrepreneurship within the community.
- Collaborated with fellow members to organize and execute various activities, workshops, and events aimed at promoting creativity, innovation, and entrepreneurial spirit.
- Engaged in discussions and brainstorming sessions to explore innovative ideas and strategies for solving real-world challenges.
- Contributed to the club's initiatives by sharing insights, offering support, and actively participating in entrepreneurial endeavors and projects.

- Organized and facilitated workshops on finance and entrepreneurship topics, including budgeting, investment strategies, and startup growth tactics.
- Led tech talks discussing emerging trends and innovations in the finance industry, such as fintech advancements and blockchain applications.
- Coordinated and participated in "FinFibe Fiesta," an event focused on fostering networking opportunities and showcasing entrepreneurial ventures in the finance sector.
- Engaged with industry experts and entrepreneurs to gain insights into finance and entrepreneurship practices, enhancing knowledge and skills in the field.

PROJECTS

Project 1: Adidas Sales Insights Dashboard using python(Streamlit)

- Developed an interactive sales insights dashboard for Adidas using Streamlit in Python.
- Extracted, cleaned, and preprocessed sales data from multiple sources to ensure data integrity and accuracy.
- Utilized statistical analysis techniques to uncover key trends and patterns in Adidas sales data.
- Implemented data visualization using Streamlit to create an intuitive user interface for stakeholders to explore sales metrics.
- Presented findings and insights to management, driving data-driven decision-making and strategic planning.

project 2:Stock Market Analysis with Random Forest Algorithm

- Conducted stock market analysis using the Random Forest algorithm.
- Utilized Yahoo Finance dataset for data extraction and preprocessing.
- Developed predictive models to forecast stock market trends and identify investment opportunities.
- Analyzed historical stock data to uncover patterns and correlations.
- Demonstrated proficiency in machine learning techniques and financial analysis.
- Derived actionable insights from complex datasets within the context of stock market dynamics.