





BALA SUBRAMANI A

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ABOUT ME

As an aspiring AI and Data Science student, I am dedicated to leveraging advanced techniques and analytical skills to solve complex problems and drive data-driven decision-making. My passion for artificial intelligence, data analysis, and data manipulation has propelled me to pursue a dynamic career in this rapidly evolving field. With a strong foundation in mathematics, programming, and data manipulation, I am equipped to contribute to innovative projects and make a meaningful impact in the world of AI and Data Science.

SKILLS

- Python
- SQL
- Tableau
- Power Bi
- Machine learning
- Flutter

EXPERIENCE

INTERNSHIP

Geonslogix pvt ltd,Madurai

- Worked as an intern, contributing to the development of mobile applications using the Flutter framework, gaining hands-on experience in app development and collaborating within a professional team environment.

TechnoHacks

- Data cleaning and summary calculations of the Titanic Dataset using Python and Visualization of House price prediction using Power BI.

HACKATHON

IEEE CONOCITHON 2.0

- Mode of child birth predicting ML Model

EDUCATION

VALLUVAR VIDHYALAYA MATRIC

HR.SEC SCHOOL

SSLC PERCENTAGE

75.2%

HSC PERCENTAGE

85%

RAMCO INSTITUTE OF TECHNOLOGY

Bachelor of Technology in Artificial intelligence and data science
2021-Expected 2025

CGPA UPTO 6TH SEMESTER

7.94

CERTIFICATIONS

- Microsoft Power Bi Analyst -ICT Academy
- Machine learning to Generative AI - IBM SkillBuild
- Exploratory Data Analysis for Machine Learning - Udemy
- Introduction to SQL - Udemy
- Deep learning Neural network - Coursera
- Big data - Infosys Springboard

HANDS ON PROJECTS

Music genre classification

- Developed a music genre classification system using deep learning with TensorFlow and Keras.
- Designed a user-friendly Tkinter GUI for seamless audio file classification.
- Implemented a neural network with high genre prediction accuracy.
- Demonstrated proficiency in Python, Librosa, TensorFlow, Keras, and Scikit-learn.
- Collaborated on feature selection and model optimization to enhance performance.

Adidas Sales Dashboard

- Designed and developed an interactive sales dashboard in Excel for Adidas, summarizing key performance metrics such as total sales, average sales, units sold, and profit.
- Utilized Pivot Tables, Pivot Charts, and slicers to dynamically visualize sales by product category, retailer, and region.
- Enabled stakeholders to easily filter data and identify trends across different time periods and regions, improving decision-making and sales strategy.

Dental Lab App Using Flutter

Jun 2023 to Aug 2023

- Implemented a secure login system with Google API sign-in via Firebase.
- Integrated API to display payment collection details on the homepage.
- Developed clinic details, payment entry, and doctor signature pages for data input.
- Designed invoice and payment history pages for comprehensive tracking.
- Collaborated with team leader to resolve API integration, data persistence, and UI challenges.
- Fixed FCM push notification errors and improved UI based on feedback.

Sales analysis for business

Crystalglow art works

Aug 2023 -Present

- In business, I perform in-depth analysis of monthly sales data to identify key trends and patterns that influence customer purchasing behavior.
- By examining these insights, I develop strategic plans for stock loading, ensuring optimal inventory levels that meet demand while minimizing waste.
- I also implement targeted strategies aimed at boosting sales performance, such as adjusting pricing, launching promotions, and refining product offerings.
- This data-driven approach not only enhances inventory management but also drives overall business growth by aligning stock levels with market demands and improving operational efficiency.