SWAGATH A.S

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⚲ Anedibba (v),Gonibeedu (p),Mudigere (t),Chikamagalur(d),Karnataka

SUMMARY

"BCA graduate with strong technical skills and a passion for data analysis and data science. Motivated to gain experience in applying my analytical abilities and leveraging my technical expertise to tackle real-world challenges, contribute meaningfully to innovative projects, and further develop my proficiency in the dynamic field of Data Science and Analytics"

STRENGTHS

Programming Proficiency
Proficient in Python and SQL coding, demonstrating strong abilities in data analysis , manipulation, and database

Data Analysis
Analyzed and interpreted data to drive business decisions resulting in a 15% increase in revenue management

Attention to Detail
Ensured accuracy in data collection and analysis resulting in error reduction by 25%

LANGUAGES

Kannada
Native ●●●●●

English
Intermediate ●●●○○

TECHNICAL EXPERTISE

Programming Languages

Python   Sql

Skills

Statistical Analysis   EDA   Machine Learning

Tool

Power BI   Jupiter Notebook   Google Collab   MySql   Data Visualiztion (pandas numpy matplotlib seaborn) Excel

ACHIEVEMENTS

Data Visualization Project
Developed interactive visualizations that increased understanding of data insights and facilitated decision making

ML-Prediction project
Using ML and Python Lib to predict the outcome with the max accuracy which may help in medical field

Process Improvement Initiative
Identified inefficiencies in data collection and analysis processes and implemented improvements resulting in time savings of 30%

CERTIFICATES

Certified Data Science Professional
Odin School   Certificate ID- ODIN1001656
Verification at- https://go.odinschool.com/verify-certificate

EDUCATION

Graduation : BCA   FGPA - 8.56
Govt. Home Science College
University of Mysore
📅 2020 - 08/2023   📍 Hassan,Karnataka

HSLC : Pre-University   PCMB - 74.83%
St Marthas PU College
Department Of Pre University Education
📅 03/2018   📍 Mudigere , Chikamagalur

SSLC   91.68%
Nalanda High School
Karnataka Secondary Education Examination Board

📅 04/2016 📍 Mudigere , Chikamagalur

PROJECTS

Power BI: Axon Sales Analysis

Led a capstone project at Axon, implementing a dynamic Business Intelligence (BI) solution using Power BI and SQL. Extracted and transformed data from a MySQL database, creating an efficient star schema for analysis. Proficient in DAX and SQL queries, I provided insights into sales trends and customer behavior.
*   Successful Outcome of My Work:
        Actionable insights for Axon's retail sales, optimizing decision-making. Identified key market trends, top-performing products/vendors, and enhanced overall business performance. Contributed to increased sales and provided strategic growth recommendations.

Road Accident Analysis: EXCEL

The Road Accident Analysis Project in Excel aims to study historical accident data, identify patterns, and enhance road safety measures. Using Excel, we clean and analyze data, uncover trends over time, and visualize insights through charts and graphs. The project provides actionable recommendations for informed decision-making, helping prevent accidents and optimize resource allocation for road safety.

ML Project: COVID-19 Prediction (Python)

Conducted a Machine Learning-based Capstone Project to predict COVID-19 diagnoses accurately, utilizing symptoms and demographic data for enhanced medical treatment.
•   Outcome Highlights:
        Achieved high model accuracy identified key factors influencing positive cases, and demonstrated adaptability for future diseases, making it a valuable tool for medical data analytics.

IOT Project: Smart Bin

Developed and implemented a smart bin management system integrating lot sensors, microcontrollers, and cloud technology for efficient waste monitoring. Designed a user-friendly interface for real-time data visualization, fostering sustainable waste management practices.
•   Successful Outcome of Your Work:
        Streamlined waste collection routes, optimized resource utilization, and enhanced user engagement. Resulted in improved operational efficiency, reduced costs and a more environmentally conscious waste management process.