Yaswanth Reddy Matheeti

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PROFILE

Data Analyst with hands-on experience in business-focused analytics, cross-functional collaboration, and building data products. Skilled in SQL, Python, Power BI, and statistical analysis to derive actionable insights that support strategic decision-making.

EDUCATION

Sathyabama Institute of Science and Technology   2020 - 2024
Computer Science and Engineering - CGPA : 7.7

SKILLS

Technical Skills
- SQL   - Joins, Subqueries, Window Functions, Stored Procedures
- Python   - Pandas, NumPy, Matplotlib, Seaborn

Visualizations Tools
- Power BI(DAX, Data Modeling, ETL), Advanced Excel, Tableau

Statistical Analysis
- Descriptive & Inferential Statistics

Soft Skills
- Analytical skills, Problem-Solving, Communication

PROJECTS

Bank Loan Analytics | Ai Variant - Intern ⬈
- Performed comprehensive analysis on bank loan data using Excel for data cleaning, summarization, and initial insights.
- Created dynamic dashboards in Power BI and Tableau to visualize key metrics and wrote optimized SQL queries to ensure data integrity and consistency.
- Improved loan approval efficiency by identifying key trends in approval rates.

Crowdfunding Analysis | LINK ⬈
- Conducted an in-depth analysis of 100,000+ crowdfunding campaigns using Python, identifying key success factors and optimizing campaign performance through KPIs and visualizations.
- Evaluated project outcomes by category, location, and time; analyzed success rates based on category, year, month, and goal range using Matplotlib and Seaborn.
- Provided actionable business insights to enhance crowdfunding success, leveraging advanced data wrangling techniques and effective data storytelling.

Collision Detection using CNN
- Developed an AI-based accident detection system using Convolutional Neural Networks (CNN) and the YOLO algorithm to identify road accidents in real time from CCTV footage.
- Implemented an automated alert system sending real-time accident location via email.
- Integrated computer vision frameworks such as OpenCV for video processing and accident severity analysis.

CERTIFICATES

Data Analyst Certification : ExcelR Solutions ⬈

ACHIEVEMENTS

- Secured City Rank 2 in International Mathematics Olympiad (IMO).
- Completed "SQL 50" on LeetCode, demonstrating proficiency in writing optimized SQL queries and solving real-world database challenges.