HARISHKUMAR J

Data Analyst

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Profile

Experienced Data Analyst proficient in Python, SQL, Power BI, data cleaning, visualization, and statistical analysis. Delivered data-driven insights through comprehensive dashboards in multiple projects. Looking to apply these skills in a dynamic data analyst role.

Technical Skills

Python, SQL, Pandas, NumPy, Statistical analysis, Mathematics, Scikit-Learn Matplotlib, Seaborn, Power BI, Tableau, Predictive Modelling, SQL Queries, Data Cleaning, Microsoft Excel, PowerPoint, AWS

Experience

DATA ANNOTATOR

Labelbees - Tiruchengode   Sep 2024 - Present

- Annotated large image datasets for computer vision model training, improving model accuracy by 20%.
- Managed regular reviews of annotations to identify and correct labeling errors, improving overall data accuracy by 20%.
- Streamlined the process of compiling diverse image sets used in training object detection models identified inconsistencies leading to corrections on more than 200 labeling errors which directly impacted final outcomes positively.

Projects

IPL Auction Data Analysis – **Python, Matplotlib, Seaborn, Power Bi Link**   June 2024

- Analyzed a Python-based analytical framework to evaluate 100+ player data points from the IPL Auction 2023, providing actionable insights that informed 80%.
- Employed pandas, matplotlib, and seaborn to aggregate and visualize data, generating a detailed 3-page report that highlighted key trends and takeaways from the auction process, resulting in a 25% improvement in stakeholder.
- Optimized data analysis parameters, improving the accuracy and relevance of insights by 20%, leading to more informed decision-making during the auction process. Provide technical expertise in areas of architecture, design, and implementation.

Sales Data Analysis – Power Bi Link   May 2024

- Conducted thorough analysis of sales data with over 1000 records using Power BI, uncovering actionable insights that improved sales strategies by 20%.
- Systematically cleaned and transformed data using Power Query, improving data accuracy and alignment with project goals by 10%.
- Created 2 interactive dashboards in Power BI to visually represent key sales metrics and trends, effectively communicating insights to stakeholders and leading to a 25% increase in data-driven decision-making.

Cardiac Disease Prediction - Machine Learning Link   May 2024

- Organized a sophisticated Naive Bayes predictive model to evaluate heart disease risk based on clinical and demographic data enhanced diagnostic precision by 30% and improved early detection rates.
- Performed comprehensive data preprocessing and cleaning on 10,000+ records, meticulously addressing 5% missing values and 3% outliers, and implemented feature selection to improve model training efficiency by 15%.
- Secured an 88% accuracy rate, demonstrating the model's potential utility in clinical decision support systems for early detection.

Education

Bachelor Of Engineering in Computer Science

- KSR Institute for Engineering and Technology – Tiruchengode, Namakkal   Nov 2020 - May 2024
- Bachelor of Engineering in Computer Science and Engineering, CGPA – 8.1

Certifications

- Python Course Completion - Infosys Springboard
- Data Analysis Essential – Cisco
- Power BI - Simplilearn

Soft Skills

Analytical Skills, Problem - Solving, Communication, Fast - Paced Learner, Presentation, Team Management, Adaptability