Susmitha Challa Data Analyst

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SUMMARY

Experienced data analyst with advanced analytics and visualization. Delivered a 20% reduction in high-risk incidents, showcasing a consistent skill to improve operational efficiency, automate tasks, and enhance data processing for increased reporting precision through ETL procedures. Eager to apply expertise in data analysis and visualization.

Technical skills

* **Programming Languages:** Python, R, Java
* **Web Technologies:** HTML, CSS, JavaScript
* **Libraries:** Scikit-learn, Keras, NumPy, Pandas, Matplotlib, Data frames
* **Machine Learning Techniques:** Logistic Regression, Naive Bayes, Decision Tree, Random Forest, KNN, Linear Regression, Regression Tree
* **Visualization Tools:** Tableau, Power BI, MS Excel
* **Databases:** MySQL

PROFESSIONAL EXPERIENCE

VoxTech LLC May 2023 – June 2024

Data Analyst

* Assisted in data collection, cleaning, and analysis, providing support for ongoing projects.
* Revitalized Tableau capabilities, employing parameters and actions to forge dashboards enhancing operational efficiency, and curbing customer attrition by 20%.
* Engineered Python scripts automating data analysis, resulting in time-saving enhancement.
* Advocated for and contributed to the development of data access APIs, fostering a 30% increase in cross-team collaboration.
* Implemented efficient order management procedures to minimize errors and streamline the order-to-cash cycle, resulting in improved customer satisfaction and reduced processing time.
* Spearheaded ETL solutions in Azure Databricks, refining data accessibility and analysis, achieving improvement in decision-making.
* Utilize SQL to query databases and extract relevant information, enabling efficient data retrieval for reporting and analysis.
* Created and maintained sales dashboards and reports using tools like Tableau or Power BI, providing stakeholders with clear and concise visualizations of sales performance metrics.
* Spearheaded training sessions, empowering cross-functional teams to adeptly utilize Tableau, contributing to a 15% increase in company-wide data literacy.

New York Institute of Technology August 2022 – December 2022

Graduate Assistant

* Collaborated with research teams to articulate project requirements, aligning data analysis efforts with research objectives.
* Implemented cutting-edge data science tools, reducing data processing time by 40% and elevating predictive modeling accuracy.
* Directed and coordinated data science projects, ensuring timely completion and meeting predefined goals.
* Crafted visually compelling visualizations using Tableau and Power BI, enhancing project communication and comprehension.
* Collaborate with cross-functional teams to define key performance indicators (KPIs) and deliver data-driven solutions to address business challenges.
* Perform daily, weekly, and monthly reviews and analyses of current processes using operational metrics and 10+ interactive reports using Tableau.
* Applied efficient data cleaning protocols, reducing project turnaround time by 30% and ensuring data integrity.

Crowe LLP January 2021 – August 2021 Data Analyst

* Executed thorough data cleaning and feature scaling using Python libraries, ensuring data quality and uniformity.
* Delivered impactful insights to senior management via Power BI dashboards, steering data-informed decision-making.
* Automated data manipulation tasks with Excel formulas and macros, resulting in a noteworthy 30% reduction in processing time.
* Conducted in-depth data analysis using SQL, Python, and data visualization tools like Power BI to extract actionable insights from large datasets.
* Conducted statistical analysis, unveiling trends and patterns, and presented findings to stakeholders.
* Optimized ETL procedures, achieving a remarkable 50% reduction in data processing time and a 25% boost in reporting precision.
* Employed a streamlined reporting system, reducing weekly and monthly reporting cycles, and fostering quicker decision-making.

EDUCATION

Master of Science in Data Science New York Institute of Technology, New York August 2021 – May 2023

Bachelor of Science in Computer Science and Engineering Lovely Professional University, Punjab, India August 2017 – June 2021