Sai Krishna Reddy Murthy
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Objective

Results-oriented Data Analyst with 3+ years of experience transforming complex data into actionable insights. Proficient in Power BI, Python, SQL, ETL, data visualization and Excel , delivering data-driven solutions to optimize decision-making and improve operational efficiency. Adept at creating interactive dashboards and conducting predictive analytics. Known for strong problem-solving skills and collaborative teamwork across cross-functional projects.

.Skills

- **Data Visualization Tools**: Power BI, Tableau, Excel (Advanced)
- **Programming Languages**: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL
- **Databases**: MySQL, PostgreSQL,SSIS
- **Microsoft Office**: Excel (PivotTables, Macros), Word, PowerPoint
- **Other Tools**: JIRA, Git

Professional Experience

Data Analyst
[Hammonds] – [Hinckley, United Kingdom]
[October 2023 - December 2024]

- Designed and developed interactive dashboards in Power BI, providing key insights to stakeholders and reducing reporting time by 40%.
- Conducted advanced data analysis in Python, utilizing libraries like Pandas and NumPy, resulting in actionable recommendations that boosted revenue by 15%.
- Automated data extraction and transformation processes in SQL, improving data pipeline efficiency by 30%.
- Created predictive models to forecast sales trends, achieving a 92% accuracy rate and enabling better inventory management.
- Collaborated with cross-functional teams to identify KPIs and implement data-driven strategies, increasing operational efficiency.

Data Analyst Intern
[FDM Group] – [London, United Kingdom]
[December 2021 - June 2023]

- Created Tableau dashboards to visualize regional sales trends, enabling better resource allocation.
- Conducted A/B testing to optimize marketing campaigns, increasing conversion rates by 12%.
- Developed SQL queries to extract and transform data from relational databases, ensuring accurate and timely reporting

- Improved data quality and reporting accuracy by implementing validation scripts in Python, reducing manual data cleaning by 50%.
- Conducted cohort analysis to understand customer retention patterns, leading to targeted loyalty programs and a 10% increase in repeat purchases.

Associate Analyst

[Globallogic technologies]- [Hyderabad, India]

[November-2019-October-2020]

- Managed and automated YouTube processing workflows, including video content analysis, metadata extraction, and content recommendation systems.
- Engaged in the development and optimization of image processing algorithms to enhance visual data quality and automate image classification tasks.
- Led text processing projects, utilizing Natural Language Processing (NLP) methods for sentiment analysis, text classification, and keyword extraction.
- Applied audio processing techniques to analyze and process sound data for applications in speech recognition and audio feature extraction.
- Collaborated with cross-functional teams to implement processing pipelines and optimize performance for data-intensive tasks.

Education

- **Master's, University of Hertfordshire(Hatfiled, United Kingdom)-2023**
- **Bachelors, Ellenki college of Engineering and Technology (Hyderabad, India)-2019**