Sai Kumar Vennam

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Professional Summary

Motivated and detail-oriented aspiring Data Analyst with a strong foundation in Python, Advanced SQL, Microsoft Excel, Tableau, and Power BI. Experienced in working on realworld projects involving data analysis, visualization, and reporting. Skilled in using analytical tools to extract insights and solve business problems effectively. Eager to contribute to an organization by applying a data-driven approach to decision-making.

Skills

- **Programming Languages:** Python
- **Database Management:** Advance SQL
- **Data Analysis Tools:** Microsoft Excel, Tableau, Power BI
- **Data Visualization:** Dashboard Creation, EDA, KPI Tracking
- **Soft Skills:** Problem-solving, Analytical Thinking, Communication

Projects

IPL Visualization Dashboard

- Designed an interactive Tableau dashboard analyzing IPL data from 2008-2017.
- Integrated match-level (`matches.csv`) and ball-by-ball (`deliveries.csv`) datasets for insights.
- Key visualizations included: Toss vs Match Outcome, Orange & Purple Cap trends, Season-wise Team Performance.
- Presented findings in a Tableau workbook and summarized key insights in a PowerPoint report.

Movie Analytics for RSVP Movies

- Utilized SQL to analyze three years of movie data, providing actionable recommendations for global movie production.
- Wrote optimized queries to extract key audience and trend insights.
- Delivered a comprehensive SQL script and summarized results in a detailed presentation.

Bank Marketing Data Analysis in Excel

- Analysed a bank marketing dataset using advanced Excel techniques, including Pivot Tables, VLOOKUP, and Conditional Formatting.

- Automated reporting workflows using macros, improving efficiency and accuracy.
- Presented insights on customer behavior, highlighting trends in campaign response rates.

Loan Default Risk Analysis Using Python

- Conducted an EDA on consumer finance data to identify factors influencing loan defaults.
- Cleaned and visualized data using Pandas, Matplotlib, and Seaborn, focusing on highrisk attributes.
- Provided recommendations for mitigating loan default risks, ensuring actionable insights for stakeholders.

Loan Analysis Dashboard Using Power BI

- Developed a Power BI dashboard to analyze home loan datasets, focusing on loans exceeding ₹10 Lakhs.
- Tracked applied, sanctioned, disbursed, and recovery amounts with custom KPIs for branch-wise performance.
- Leveraged DAX for advanced calculations and filtering, enhancing the dashboard's interactivity and depth.

Education

MASTER OF COMPUTER APPLICATION   **CGPA:80%**
Osmania University, Hyderabad
09/2023 – 09/2025

BACHELOR OF COMPUTER SCIENCE   **CGPA:71%**
Satavahana University, Karim Nagar
07/2020 – 08/2023

Certifications

- Completed Data Analyst course in Analytics Benchmark.
- Participation certificate in Deloitte as data analyst using Tableau, Excel.

Achievements

- Successfully completed projects involving real-world datasets, gaining hands-on experience in data analysis and visualization.
- Demonstrated strong problem-solving skills by delivering actionable insights for business use cases.
- Designed impactful dashboards that facilitated data-driven decision-making for key stakeholders.