

THANDRA SIVA KUMAR

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Carrer Objective

Senior Data Analyst with over 2+ years of experience in IT and data analyst, currently engaged at Sun Bio IT Sollutions. Proven expertise in designing and implementing data analysis strategies, conducting data modeling and statistical analysis, developing insightful reports and dashboards, and presenting findings to key stakeholders. Adept at utilizing tools like SQL, Python, Excel, Data IQ, and Power BI. Strong communicator and team player with a focus on driving organizational growth through data-driven insights.

Education

American University of Malta <i>English for Academic purposes; High Intermediate Level</i>	Jan 2024 – May 2024 <i>Bormla , Malta</i>
KL University <i>Bachelor of Technology - Computer Science and engineering; CGPA: 7.47</i>	July 2018 – march 2022 <i>Guntur, Andhra Pradesh</i>
Narayana Junior College <i>Board of Intermediate Education; Marks: 730</i>	June 2016 – march 2018 <i>Vijayawada, Andhra Pradesh</i>
Ratnam High School <i>Board of Secondary Education; CGPA: 6.5</i>	June 2015 – March 2016 <i>Nellore, Andhra Pradesh</i>

Techninical Skills

Programing Languages: Python (NumPy, Pandas, Matplotlib, Scikit-Learn)
Data Visualization Tools: Matplotlib, Seaborn, Power BI
Operating Systems: Windows, Linux
Integrated Development Environment: Anaconda, Spyder, Jupyter Notebook.
Web Technologies: HTML, CSS.
Machine Learning Frameworks: PyTorch, TensorFlow.
Protocols: HTTP, HTTPS.
Services: Machine Learning.

Professional Experience

Senior Data Analyst Sun Bio IT Solutions	May 2023 – Present <i>Remote</i>
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- Identified patterns and trends in large datasets to provide actionable insights.
- Utilized predictive modeling techniques to forecast future business trends, guiding strategic planning.
- Developed customized reports and visually appealing dashboards to monitor key performance indicators.
- Successfully drove sales growth and mitigated degrowth through machine learning R and Data IQ.
- Conducted comprehensive market research to support targeted marketing strategies.
- Ensured data accuracy and reliability through thorough data validation and cleanup.
- Developed custom algorithms to optimize and automate data analysis processes, improving efficiency.

Data Analyst

Sun Bio IT Sollutions	May 2022 – May 2023 <i>Bangalore</i>
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- Analyzed large datasets using SQL, Python, and Excel to uncover business insights and trends.
- Built interactive dashboards and reports in Power BI/Tableau, enhancing data visualization and reporting.
- Automated data extraction and processing workflows, reducing manual effort and errors.
- Conducted A/B testing and statistical analysis to optimize marketing and operational strategies.
- Collaborated with cross-functional teams to define data requirements and improve data governance.
- Assisted in ETL development to improve data integration and accessibility for stakeholders.

Project name: Rolling a Dice Simulator

- Developed a computer-based dice simulator using Python/Java/JavaScript.
- Implemented a random number generator to simulate dice rolls, generating values between 1 and 6.
- Designed the program as a console-based or GUI application based on user preference.
- Incorporated a loop mechanism to allow users to roll the dice multiple times.
- Enhanced user interactivity by displaying the dice face corresponding to the rolled number.
- Utilized programming concepts such as loops, functions, and randomization.
- Ensured smooth execution and accuracy by handling edge cases and optimizing performance.

Projects

Customer Churn Prediction Model

- **Objective:** Built a machine learning model to predict customer churn and identify key risk factors.
- **Implementation:** Collected and processed customer transaction and behavior data. Applied predictive analytics using Python (Pandas, Scikit-Learn) to develop a churn prediction model. Integrated findings into a Power BI dashboard to visualize high-risk customers and suggest retention strategies.
- **Outcome:** Achieved a 92 accuracy rate in churn prediction, leading to a 15 reduction in customer attrition through targeted retention campaigns.

Sales Performance Dashboard

- * **Objective:** Developed an interactive Power BI dashboard to track sales performance across multiple regions and products.
- * **Implementation:** Extracted and cleaned sales data using SQL and Python. Designed dynamic visualizations using Power BI to monitor key sales metrics such as revenue, profit margins, and customer acquisition trends. Automated data refresh processes for real-time insights.
- * **Outcome:** Enhanced reporting efficiency by 40, reducing manual effort and enabling stakeholders to make faster, data-driven decisions.

Certifications

- Accenture - Data Analytics and Visualization
- Quantum - Data Analysis Job Simulation
- JP Morgan Chase Co - Excel
- simplilearn - SQL
- NASSCOM FOUNDATION(CISSCO) - HTML CSS