THATAMSETTY THRINETHRA

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PROFESSIONAL SUMMARY

Data Analyst skilled in Python, SQL, and Machine Learning, with hands-on experience in data cleaning, exploratory data analysis (EDA), predictive modeling, and data visualization. Proficient in Power BI, Tableau, and analytical Python libraries such as Pandas, NumPy, and Matplotlib to deliver actionable insights and support data-driven decisions.

ACADEMIC DETAILS

Arjun College of Technology   Coimbatore
Bachelor of Technology in Computer Science and Business Systems - 8.3 CGPA   *Sept 2021 – Mar 2025*

Sri Vema Jr College   Naidupeta, AP
MPC - 905 Marks   *Aug 2019 – May 2021*

Sri Chaitanya Techno Schools   Nellore, AP
10th Class - 9.5 CGPA   *Mar 2019*

INTERNSHIP

Data Analyst Intern — Bengaluru

Python, SQL, Power BI, Excel, MongoDB, Machine Learning   *Mar 2025 – Present*
 – Used Python for data cleaning, analysis, visualization, and automating workflows.
 – Applied supervised and unsupervised ML algorithms to build predictive models and uncover hidden patterns.
 – Created Power BI dashboards to monitor KPIs and support data-driven decisions.
 – Queried relational data with SQL and managed unstructured data in MongoDB.
 – Leveraged Excel (advanced formulas, pivot tables, charts) for exploratory analysis and reporting.

IoT, Python, Full Stack Web Development   Coimbatore
Neural ARC   *June 20 – July 14, 2023*
 – Connected and controlled physical devices over the internet to collect and exchange data.
 – Used Python for automation, data analysis, and web development.
 – Built both the front-end (UI) and back-end (server, database) parts of web applications.

PROJECTS

Predictive Analytics for IT Incident Volume Forecasting | *ARIMA , ML*   JULY 2025
 – Languages: Python — Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Statsmodels
 – Built forecasting and classification models to predict IT incident volume ticket priority using ARIMA and ML techniques.
 – Delivered actionable insights that improved resource planning and reduced incident resolution delays.

IPL Data Analysis Dashboard | *Power BI, DAX*   Aug 2025
 – Built an interactive dashboard to analyze IPL team and player performance across seasons.
 – Designed KPIs and visual reports on batting, bowling, and match outcomes.
 – Utilized DAX functions for advanced calculations and trend analysis.
 – Delivered actionable insights to track performance and support data-driven strategies.

Auto price prediction | *Python, NumPy, Pandas, ML Algorithms,Seaborn,Matplotlib*   April 2025
 – – Built a predictive model to estimate car prices using regression techniques based on multiple independent variables.

Mall Sales Analysis | *Python, Pandas, NumPy, Matplotlib, Seaborn, Machine Learning*   Sept 2025
 – Conducted exploratory data analysis (EDA) on mall customer sales data to uncover shopping patterns.
 – Analyzed demographics (age, gender), payment methods, and product categories influencing sales.
 – Applied machine learning techniques to identify factors driving customer spending behavior.

- – Generated business insights on customer behavior and sales trends to support data-driven decision-making.

Timetable Management | *Python, Django, SQL*   Dec 2024 – Mar 2025
- Built backend logic in Python to automate staff timetable generation and resolve allocation conflicts.
- Developed a secure Django web app for staff to view, manage, and update schedules.
- Created normalized SQL databases for subjects, time slots, faculty assignments, and room bookings.
- Deployed using Docker containers for smooth setup and scalability.

CERTIFICATIONS

Certified Data Scientist Certification Training   Mar - July 2025
- – Completed training covering core data science concepts, analytics, and machine learning tools.
- Gained hands-on experience in data analysis, machine learning, and model building.
- Applied statistical methods and programming for deriving business insights.
- Developed practical skills to work on real-world data-driven projects.

TATA : Data visualization: Empowering Business Insights | *Power BI, Tableau*   July 2025
- Completed a simulation involving creating data visualizations for Tata Consultancy Services.
- Prepared questions for a meeting with client senior leadership.
- Created visuals for data analysis to help executives with effective decision making.

Deloitte Australia Data Analytics Job Simulation on Forage | *Tableau and Power BI.*   July 2025
- Completed a Deloitte job simulation involving data analysis and forensic technology .
- Created a data dashboard using Tableau,Power BI .
- Used Excel to classify data and draw business conclusions.

TECHNICAL SKILLS

Languages: Python, SQL
Databases: MongoDB
Machine Learning & Analytics: scikit-learn, Statistics,Machine Learning Algorithms, Deep Learning
Visualization & Reporting: Power BI, Tableau, Excel, Matplotlib, Seaborn.
Version Control: Git, GitHub
Developer Tools: VS Code, Visual Studio, Jupyter Notebook, Google Colab.