Tulasi Madhav Gopisetty

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PROFILE

Detail-oriented Data Analyst skilled in SQL, Python, Excel, Tableau, and Power BI, with expertise in EDA, KPI development, and predictive modelling. Adept at data cleaning, visualization, and statistical analysis to uncover trends and optimize processes.

EDUCATION

Kallam Harinadhreddy Institute of Technology *Andhra Pradesh, India*

Bachelor of Engineering in Information Technology *2020 – 2024*

- Among the top 5% of the batch
- Relevant coursework in **Database Management, Statistical Methods**

SKILLS

Technical: Ms Excel, SQL, Python, Statistics, ETL, Data Visualization, AI Automation, Machine Learning.

Tools: GCP, AWS (S3, Redshift, quick sight), Tableau, Power BI, Excel, Apache, Hadoop

CERTIFICATIONS

- Deloitte Data Analytics Simulation – July'25 *(link)*
- Applied Data Analysis with SPSS Specialization by IBM – Nov'24 *(link)*
- Applied Data Analytics with Python Specialization by LinkedIn – July'25 *(link)*
- Code Tantra Python Programming – April'24 *(link)*

EXPERIENCE

Mallikarjuna Infosys *Remote, India*

Data Analyst Intern 12/24– 03/25

- Developed interactive Power BI dashboard using automated reporting data in GCP, reducing reporting time by 50%.
- Forged strong stakeholder relationships by driving new initiatives, achieved project goals and annual renewals
- Show qualities like problem solving, collaboration, planning, agile, productivity and communication
- Collected, cleaned, and validated large datasets using SQL and Excel, ensuring accuracy and consistency.
- Show qualities like problem solving, collaboration, planning, agile, productivity and communication

Mallikarjuna Infosys *Remote, India*

Python for Data Analyst Intern 08/23 – 10/23

- Built multiple predictive models to forecast weekly sales demand, leading to a 10% reduction in inventory costs.
- Optimized Tableau dashboards for 10+ products**,** improving efficiency and cutting turnaround time by 15%.
- Mentored new teammates and created SOPs to streamline the reporting process.
- Designed visualizations and statistical summaries that highlighted key business trends, increasing report precision by 15%.
- Automated repetitive data analysis tasks by developing Python scripts, reducing manual effort and improving efficiency.

PROJECTS

Supply Chain Management System ***(****03/25 – 04/25) (Report)*

- Designed and implemented a supply chain management solution to streamline procurement, inventory tracking, and distribution processes, ensuring data accuracy and real-time visibility.
- Utilized Python (Pandas, NumPy), SQL, and Excel for data preprocessing, analysis, and visualization; integrated Power BI dashboards for monitoring stock levels, vendor performance, and order fulfilment KPIs.
- Improved forecasting accuracy and reduced manual processing by 25%, enabling data-driven decision-making and optimizing overall supply chain efficiency.

Work Force Insights – HR Analytics Dashboard *(04/25 – 05/25) (Report)*

- Developed an HR analytics dashboard to track employee performance, attrition trends, and workforce demographics, providing actionable insights for HR decision-making.
- Applied SQL, Python (Pandas, Matplotlib, Seaborn), and Power BI to preprocess HR data, perform exploratory analysis, and build interactive dashboards with key HR KPIs
- Enhanced workforce planning by reducing manual reporting effort by 30%, enabling leadership to identify attrition risks and improve employee engagement strategies.

Business Performance – Sales Analytics Dashboard (*05/25-06/25) (Report)*

- Spearheaded the creation of a sales analytics dashboard to monitor revenue, sales growth, and regional performance, improving visibility into key business metrics.
- Leveraged SQL, Python (Pandas, NumPy), Excel, and Power BI/Tableau to clean and analyse sales datasets, create KPIs, and visualize performance trends across products and regions.
- Enabled leadership to identify high-performing products and underperforming regions, resulting in a 20% improvement in sales forecasting accuracy and data-driven decision-making.

Predictive Modelling – Food Demand Prediction *(06/25-07/25)*

- Orchestrated the development of a machine learning model to forecast food demand across multiple regions, enabling better supply planning and inventory optimization
- Applied Python (Pandas, NumPy, scikit-learn) and SQL for data preprocessing, feature engineering, and model training using regression and ensemble techniques.
- Improved forecasting accuracy by 22%, reducing stockouts and overproduction, and enhancing overall supply chain efficiency.

ACHIEVEMENTS

- Attended Workshop on Advanced Excel & Power BI (2022), gained practical exposure to dashboard creation and data visualization.
- Participated in National Data Analytics Hackathon (2023), applied Python and Machine Learning to build a customer churn prediction model – Mallikarjuna Infosys.