

THARUN TEJA MUTHYALA

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PROFILE

M.Sc. student in Mathematical Modeling, Simulation & Optimization with hands-on experience in data analysis, Excel-based reporting, and business analytics. Skilled in building interactive dashboards, automating processes, and translating data into actionable insights that support business decision-making. Experienced working with cross-functional teams and developing data-driven solutions using Excel, Python, and ETL workflows. Currently expanding skills in R for statistical analysis and visualization.

Availability: 15–20 hours/week | immediate start | willing to relocate

CORE SKILLS

Data Analysis & Reporting: Advanced Excel (PivotTables, PowerQuery, VBA), Dashboards, KPI Reporting, Data Visualization

Analytics & Programming: Python (pandas, numpy), SQL (basic queries), learning R

Data Preparation: ETL, Data Cleaning, Transformation, Validation, Alteryx

Business Intelligence: Power BI, DAX

Languages: English (Fluent), German (Intermediate)

PROFESSIONAL EXPERIENCE

Data Analyst

09/2021 – 09/2022

JBM Group, Chennai, India

- Designed and maintained Excel dashboards and automated reports to track KPIs across finance, sales, and operations, enabling data-driven business decisions.
- Performed data analysis, cleansing, and transformation to create reliable reporting datasets.
- Automated recurring reporting and data transformation using Excel VBA and Python, reducing manual effort and improving process efficiency.
- Developed visualizations and summary reports to communicate insights clearly to non-technical stakeholders.
- Collaborated closely with business teams to translate analytical needs into practical reporting tools.

EDUCATION

M.Sc. Mathematical Modeling, Simulation & Optimization

10/2022 – Present

University of Koblenz, Germany

B.Tech Mechanical Engineering

08/2017 – 09/2021

Vardhaman College of Engineering, India

PROJECTS

Automated Forecasting & Reporting

- Built an Excel-based planning and reporting system with VBA automation to support execution planning, scheduling, and cost tracking.
- Created interactive dashboards and visual summaries to monitor progress and performance.
- Standardized manual processes into data-driven workflows, improving efficiency and transparency.

Market & Product Performance KPI Dashboard

- Built standardized Power BI dashboards to support project and business execution tracking, enabling teams to monitor KPIs, trends, and deviations.
- Developed ETL workflows using Alteryx to extract, cleanse, and integrate data from multiple sources, improving data quality, consistency, and reporting reliability.
- Developed visualizations and KPI reports to analyze trends and generate actionable insights for decision-making.