

# Umesh Indra Mandati

Data Analyst

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## SUMMARY

Data Analyst with a strong foundation in Python, SQL, and Power BI. Skilled in data extraction, cleaning, and visualization with experience in statistical analysis and machine learning models. Adept at deriving meaningful insights from large datasets to support business decisions. Strong problem-solving and collaboration skills. Seeking a challenging role in data analytics to leverage my technical expertise and analytical mindset.

## EDUCATION

- B.Tech in Electronics & Communication Engineering**, Balaji Institute of Technology and Science (GPA: 7.0) 2020 — 2024  
Warangal, India
- Actively involved in hands-on projects like a solar panel with sun position tracking and a pick & place robotic vehicle using Arduino.
- Intermediate in MPC**, Sri Chaitanya Junior College (GPA: 97%) 2018 — 2020  
Khammam, India
- Focused on Mathematics, Physics, and Chemistry, developing a strong foundation in problem-solving and analytical thinking.
- SSC in** , New World High School (GPA: 9.0) 2017 — 2018  
Khammam, India
- Developed a strong academic foundation, which led to high achievements in subsequent academic levels.

## CERTIFICATIONS

- Data Analytics Job Simulation**, Deloitte(Forage) Apr '25
- Data Visualisation: Empowering Business with Effective Insights**, TATA(Forage) Apr '25
- Data Analytics and Visualization Job Simulation**, Accenture (Forage) Jul '24
- Data Science Job Simulation**, British Airlines (Forage) Oct '24

## AWARDS

Served as **Team Leader** for academic projects including Solar Panel Sun Position Tracker and Pick & Place Robotic Vehicle.

## PROJECTS

- Distribution Network Efficiency Optimization**
- Optimized Booker's distribution network by analyzing and improving delivery schedules and routes to reduce delivery times and minimize costs.
- Netflix Data Analysis Using Python**
- Analyzed Netflix's dataset using Pandas, Matplotlib, and Seaborn to uncover trends in genres, content types, and release patterns through data cleaning and visualization.
- Loyalty Points Calculation and Bonus Allocation for Online Gaming Platform**
- Calculated player-wise loyalty points and ranked users by analyzing transaction and gameplay data using Python (Pandas, NumPy). Automated bonus allocation to top performers to optimize user retention strategies.

## SKILLS

- Programming** Python, SQL
- Database Management** Microsoft SQL Server
- Data Visualization** Power BI, Excel, Matplotlib, Seaborn, Plotly
- Data Analysis** NumPy, Pandas, StatsModels, SciPy, Pyspark

## DECLARATION

I hereby declare that the information provided is true and accurate to the best of my knowledge.