

Raj Kumar Swarna

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[GitHub](#) | [Tableau Public](#) | [LinkedIn](#) | [My Portfolio](#)

SUMMARY

I'm a skilled **Data Analyst** with expertise in data analysis, visualization, and machine learning. I use Power BI, Excel, and Tableau to create interactive dashboards and Python for data processing. I enjoy solving problems and turning raw data into clear insights for better decision-making

EDUCATION

Degree	Specialization	Institute	Year	CPI
B. Tech	CSE (Data Science)	Gayatri Vidya Parishad (A), Visakhapatnam	2021-2025	8.42
Intermediate	MPC	Sri Chaitanya Junior College, Guntur	2019-2021	9.83
SSC	-	Basara Concept School, Guntur	2018-2019	9.80

SKILLS

- **Programming:** Python, R
- **Data Analysis & Visualization:** Excel, Power BI, Tableau
- **Databases:** MySQL, MongoDB
- **Algorithms & Structures:** DSA Python
- **Web App Development:** Streamlit
- **Machine Learning:** Scikit-Learn, Regression, Classification, Clustering
- **Data Manipulation:** NumPy, Pandas
- **Data Visualization:** Matplotlib, Seaborn

PROJECTS

Database-Driven Exercise Monitoring System [🔗](#)

Built a real-time fitness dashboard for activity analysis.

Tech: Streamlit, MediaPipe, MongoDB

Role: Developer

Challenge: Customizing pose detection for exercises.

Sales Dashboard Using Power BI [🔗](#)

Developed a Power BI dashboard for data-driven decisions.

Tech: Power BI | **Data:** Finance Dataset

Role: End-to-End Project

Challenge: Optimizing reports, visuals, Power Pivot & Power Query.

Excel Sales Dashboard [🔗](#)

Built an Excel dashboard for sales tracking & trends.

Tech: Microsoft Excel | **Data:** Sales Dataset

Role: End-to-End Project

Challenge: Using pivot tables, charts & reports for insights.

Tableau Analytical Sales Dashboard [🔗](#)

Developed a Tableau dashboard for sales trend analysis.

Tech: Tableau | **Data:** Sample Superstore Dataset

Role: End-to-End Project

Challenge: Effective visuals, interactive design & clear insights.

INTERNSHIP EXPERIENCE

Data Analytics Intern, ExcelR Solutions, Hyderabad (6M, Offline)

- Hands-on in Excel, Power BI, Tableau, R, MySQL & Python.
- Learned statistical analysis for data-driven decisions.
- Completed assignments & a real-world analytics project.
- Earned an internship certificate [🔗](#) [Certificate Link]

CERTIFICATES

- *ExcelR Intern Certificate* [🔗](#).
- *AWS Data Analytics Virtual Intern Certificate* [🔗](#).
- *Data Science Master Virtual Internship* [🔗](#).

EXTRA CURRICULAR ACTIVITIES

- Developed and showcased an **IoT project** to the entire **CSE department management**.
- Volunteered for multiple **company interviews**, assisting in coordination and logistics.
- Actively participated in organizing and managing **hackathons**, ensuring smooth execution.

INTERESTS

- Data Analyzing and Creating Dashboards.
- Database Management (MongoDB, SQL).