

# Pendela Vyshnavi

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🌐 <https://github.com/Vyshnavi1254>

<https://vyshnavi12548.github.io/portfolio/>

🌐 <https://www.linkedin.com/in/vyshnavi-pendela-b8a007328/>

## Education

### TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

*Bachelor of Technology in Computer Science*

**Aug 2023 – present**

*Hyderabad, India*

## Skills

**Programming** : C, Python, S Q L .

**Databases & Operating Systems** : SQL, MySQL, DBMS, Operating Systems, Linux, Windows.

**Cloud & DevOps** : Salesforce Marketing Cloud, Microsoft Azure, Amazon Web Services

(AWS). **Tools & Applications**:Power BI, Microsoft Excel, SAP Analytics Cloud, Git

**Libraries /Framework** :Pandas, Matplotlib, Seaborn

**Other Knowledge**: Dashboard Design, Data Cleaning, Data Analysis, Insight Derivation, Data Visualization

**Soft Skills** : Problem solving skills, Organizational skills, Cross-functional, Work collaboratively, Decision-making, Analytical Skills, Teamwork, Continuous Improvement, Verbal and written communication skills, Attention to detail, Self-starter.

## Experience

### Data Analyst – Agricultural Productivity Insights

*Edunet foundation,Hyderabad*

**Mar 2025 – Apr 2025**

*Hyderabad,India*

- Developed Power BI dashboards comparing state-wise crop yield
- Used slicers, DAX, and geospatial maps to generate insights

### Virtual Internship on AI & Data Analytics

*Green Skills by AICETE, Shell India & Edunet Foundation*

**Apr 2025 – May 2025**

*Hyderabad, India*

- Completed real-world data tasks using Python and analytics tools

## Projects

### Analyzing Agricultural Productivity Across Indian States – Power BI

**January 2025**

- Developed interactive dashboards in Power BI to visualize state-wise crop yields, rainfall patterns, and productivity trends.
- Enabled stakeholders to gain actionable insights through slicers, maps, and time-series charts for informed decision-making.

### Data Visualization Tool – Created with Python & Visualization Libraries

**February 2025**

- Utilized libraries like Matplotlib, Seaborn, and Plotly to build custom visualizations highlighting agricultural performance metrics.
- Designed charts for correlation analysis between variables such as rainfall, area harvested, and crop production.

### Python CLI Application – Incorporated Data Exploration Features

**January 2025**

- Built a Python-based CLI tool allowing users to explore datasets using commands for filtering, aggregation, and descriptive stats.
- Streamlined data exploration with user-friendly commands and modular code for future scalability.

## Certifications / Extracurricular

- **Deloitte Australia** – Data Analytics Virtual Internship (Forage)
- **Tata** – Data Visualization: Empowering Business with Effective Insights (Forage)
- **AWS** – Solutions Architecture Program.
- **SAP Analytics Cloud** (project-based experience)