

# I. AYYAPPA REDDY

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## PROFESSIONAL SUMMARY

Aspiring Data Analyst with strong skills in Python, SQL, Excel, and Power BI. Experienced in data cleaning, analysis, and visualization through real-world projects involving 7,000+ records and multi-country datasets. Skilled in transforming raw data into meaningful insights and building interactive dashboards to support business decision-making.

## SKILLS

**Programming Languages:** Python (Advanced), Java (Intermediate), C (Intermediate), SQL

**Python Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

**Databases:** MySQL, PostgreSQL

**Tools:** Power BI, Excel, Jupyter Notebook, VS Code

**Concepts:** Data Cleaning, Data Analysis, Exploratory Data Analysis (EDA), Basic Statistics, Dashboard Creation

## PROJECTS

### Customer Churn Analysis (Python, Power BI, Excel)

- Analyzed 7,000+ customer records to identify churn patterns and high-risk customer segments.
- Performed data cleaning, preprocessing, and exploratory data analysis using Python (Pandas, NumPy).
- Built interactive Power BI dashboards with slicers, line charts, and heatmaps to visualize churn trends.
- Identified key churn drivers and business insights, contributing to strategies projected to reduce churn by 10–15%.

### Global Food Waste Analysis (Python, Power BI, Excel)

- Cleaned and processed datasets containing thousands of records from 50+ countries.
- Standardized and analyzed food waste data across categories and years using Python.
- Created interactive Power BI dashboards with bar charts, line charts, pie charts, and heatmaps.
- Highlighted per-capita and household waste patterns to support awareness and policy-level insights.

## INTERNSHIP EXPERIENCE

### Data Science Trainee — Infineez Solutions (June 2025 – August 2025)

- Completed a 180-hour internship on Foundations of Data Science and Machine Learning.
- Worked with Python, Pandas, NumPy, and Scikit-learn for data analysis and preprocessing tasks.
- Gained hands-on experience in data handling, analysis workflows, and basic ML concepts.
- Internship approved by APSCHE.

## EDUCATION

**B.Tech in Computer Science and Engineering** — Sri Krishnadevaraya University College of Engineering and Technology, Ananthapur (2022 – 2026) | CGPA: 8.3

**Intermediate (MPC)** — Medha Junior College, Mydukur (2020 – 2022) | Percentage: 91%