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# Ramasahayam Keerthi Reddy

## Entry-Level Data Analyst

Portfolio:  
[GitHub](#)  
[LinkedIn](#)

### PROFESSIONAL SUMMARY

Entry-Level Data Analyst with hands-on academic and internship experience in analyzing large datasets and generating reports. Proficient in Python, SQL, Power BI, Excel, and Power Query for data cleaning, exploratory data analysis (EDA), KPI tracking, and dashboard development. Skilled at uncovering trends, patterns, and anomalies to support data-driven business decisions. Capable of transforming raw data into actionable insights and visualizations to improve operational efficiency and business performance.

### TECHNICAL SKILLS

**Programming & Querying:** Python, SQL (MySQL)  
**Data Analysis & Libraries:** Pandas, NumPy  
**Data Visualization & BI:** Power BI Desktop, DAX, Matplotlib, Seaborn  
**Data Preparation:** Excel, Power Query (MQuery)  
**Web Scraping:** BeautifulSoup  
**Reporting & Analytics:** Data Visualization, Dashboarding, KPI Reporting

### PROJECTS

#### Hyderabad Rental Market Analysis | Python, Pandas, Seaborn, Beautiful Soup

- Web-scraped 3,000+ rental property listings to examine rent trends and locality-wise pricing patterns.
- Cleaned and transformed 3,000+ records, performed EDA, and created visualizations using Pandas and Seaborn.
- Determined key rent drivers, including 3BHK (+40–50%), furnished units (+25–35%), amenities (+10–25%), and locality.

#### Grocery Store Management | MySQL, Excel

- Designed and implemented a relational database with 7 normalized tables for store operations.
- Wrote SQL queries to identify top 5 customers, best-selling products, and supplier performance metrics.
- Optimized queries using joins, subqueries, and aggregations to generate actionable business insights.

#### Telecom Customer Churn Analysis Dashboard | Power BI, DAX, M Query

- Enhanced a 4-page interactive Power BI dashboard using a telecom churn dataset.
- Performed data modeling and customer segmentation based on tenure and contract type.
- Generated DAX measures to calculate churn rate, customer retention KPIs, and revenue impact.
- Pinpointed major churn drivers causing approximately 18% revenue loss and recommended targeted retention strategies.

#### Hospital Emergency Room Dashboard | Excel, PivotTables, Power Query

- Monitored 4,878 patient visits, tracking average wait time of 35.47 minutes and satisfaction score of 4.96/5.
- Examined admission status and patient demographics by age, gender, and referral source (8 categories).
- Built interactive dashboards using PivotTables, PivotCharts, and slicers to enhance reporting and decision-making.

#### Procurement Analytics & Supplier Performance Optimization | Python, Pandas, Matplotlib

- Evaluated 777 purchase orders to assess spend patterns, supplier performance, defects, savings, and compliance.
- Established supplier scorecards with KPIs including on-time delivery %, defect rate %, compliance %, and savings %.
- Recognized high-risk suppliers and achieved approximately 8% average purchase order savings through cost optimization.

### INTERNSHIPS

#### Rural Development Internship | Data Analysis

Jan 2025 – Mar 2025

- Collected and validated demographic, economic, and infrastructure-related survey data from rural communities to support development assessments.
- Reviewed 200+ structured records in Excel to identify deficiencies in education access, healthcare availability, and basic facilities across regions.
- Prepared visual reports and insights to support local development initiatives.

### EDUCATION

#### Bachelor of Engineering in Electronics and Communication Engineering

2021 – 2025

Chaitanya Bharathi Institute of Technology | CGPA: 8.00

### CERTIFICATIONS

Power BI Workshop – Office Master (Mar 2025)  
Python for Data Science – Reliance Foundation Skilling Academy (Feb 2025)

### EXTRACURRICULAR ACTIVITIES

Event Manager, Dance Club (CBIT)  
Volunteer, Chaitanya Spandana Club