

# MAEGHASREE

[maegha526@gmail.com](mailto:maegha526@gmail.com) — [linkedin.com/in/maeghasree](https://linkedin.com/in/maeghasree) — [github.com/Ciri00](https://github.com/Ciri00)  
+91 9384286256 — Puducherry

## SUMMARY

Computer Science graduate with a strong interest in data analytics. Proficient in Python, SQL, Excel, Power BI, and OOP. Experience in building dashboards, automation tools, and data reports. Looking for an entry-level role in data analysis or a hybrid software-data position to apply skills and grow in a dynamic team.

## EDUCATION

<b>Manakula Vinayagar Institute of Technology</b>	
Bachelor of Technology - CSE	2021-2025
CGPA - 7.73	
<b>Sairam Vidyalaya</b>	
12th Grade - 91%	2021
<b>Achariya Siksha Mandir</b>	
10th Grade - 87%	2019

## PROJECTS

### Reddit Scraper - Python, PRAW, JSON, Pandas

Built a Reddit scraper with PRAW to extract r/food posts, nested comments, authors, timestamps, and upvotes. Exported clean JSON and analyzed with Pandas for sentiment, keywords, and visualizations.

### World Happiness EDA - pandas, numpy, matplotlib, seaborn, sweetviz, sklearn from Python

Analyzed the 2011–2024 World Happiness Report using Python. Data were extracted and key factors such as GDP, life expectancy, and social support were visualized - revealing consistently high scores in Nordic Countries.

### Inventory Analytics Project - Google Sheets (Real-time), Power BI (DAX)

Developed a real-time Power BI dashboard using Google Sheets to monitor stock, reorder needs and supplier trends for 20+ products, identifying 40% of items requiring immediate restock and visualizing category-wise inventory risk.

### Cosmetic Analyzer - Python, scikit-learn, Bokeh, Pandas, NumPy, TextBlob

Developed a Python-based tool analyzing 1,472 Sephora moisturizers using t-SNE, K-Means, and Random Forest; built a Bokeh dashboard to visualize product clusters, detect allergens, and predict ratings, revealing price–formulation overlaps.

### HR Analytics Dashboard - SQL, Excel, Tableau

Used SQL, Excel and Tableau to analyze employee attrition, performance, and demographics. Cleaned and prepared raw HR data, then developed 3 interactive dashboards to highlight key trends across departments and tenure groups.

## COURSEWORK & CERTIFICATIONS

- Google Data Analytics Professional Certification – Coursera
- Data Analytics with Python – NPTEL
- Google Business Intelligence Certification – Coursera
- Artificial Intelligence – ICT Academy

## TECHNICAL SKILLS

### Data Visualization:

Power BI, Tableau, Excel (Pivot Tables, VLOOKUP, advanced formulas, VBA)

### Data Handling & Analysis:

Power Query, DAX, Google Sheets, Exploratory Data Analysis (EDA), Data Cleaning, Data Modelling

### Databases:

MySQL, Google BigQuery, Snowflake

### Python Programming:

Pandas, NumPy, Matplotlib, Seaborn, requests, Sweetviz, Dash, Streamlit, OOP, Data Structures

### Machine Learning:

scikit-learn, Jupyter Notebooks

### Tools & Collaboration:

Git, GitHub, Linux, Visual Studio Code

## AREAS OF INTEREST

- Business Intelligence
- Statistical Analysis

## SOFT SKILLS

- Story-telling
- Teamwork & Communication
- Problem-solving

## LANGUAGES KNOWN

- Tamil, English – Fluent
- Hindi, Japanese – Basic

## HOBBIES

- Reading across science and storytelling
- Cooking and culinary experiments
- Learning Japanese