

MAEGHASREE

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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

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

PROJECTS

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

During my Traineeship at MedTourEasy, I developed a Python-based project 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.

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 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.

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 Certificate – Coursera
- Power BI Data Analyst Certificate – Coursera
- Data Analytics with Python – NPTEL
- Artificial Intelligence – ICT Academy

TECHNICAL SKILLS

Data Visualization:

Power BI, Tableau, Excel (PivotTables, 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

EXPERIENCE

Data Analytics Trainee – Med-TourEasy, June 2025

Performed Exploratory Data Analysis using Python and presented key trends through visual summaries, aiding business decisions.

AREAS OF INTEREST

- Business Intelligence
- Statistical Analysis

SOFT SKILLS

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

LANGUAGES KNOWN

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