Priyadharshini S M

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DATA ANALYST

Enthusiastic and detail-oriented professional with a strong foundation in **Python, SQL, and Power BI**. Recent graduate in **Computer Science and Business Systems**, skilled in data visualization, EDA, and turning raw data into actionable insights. Passionate about leveraging data to drive informed business decisions.

EDUCATION

Sethu Institute of Technology   Tamil Nadu , India
Bachelor of Technology - Computer Science and Business Systems   *Mar 2022 – Mar 2026*

Honors with Specialization in **Cloud Computing and Data Center Technologies**

CGPA : 8.25

TECHNICAL SKILLS

Programming   : Python (Pandas, NumPy, Matplotlib), SQL

Visualization   : Power BI, Matplotlib, Seaborn

Databases   : MySQL

Tools   : Excel, Jupyter Notebook, GitHub, VS Code

Concepts   : EDA, Data Cleaning, Data Visualization, Dashboarding

EXPERIENCE

Web Developer Intern   Feb 2025 – Present
Techpuram Technology Private Limited   *Hybrid – Madurai*

- Developing a SaaS-based web application to deliver real-time, interactive dashboards, improving data visualization efficiency by **40%**.

Python Development Intern   July 2024 – Aug 2024
Cognifyz Technologies   *Remote*

- Developed automation scripts and backend components using Python, improving data processing speed by **50%** and reducing manual workload.

Data Analyst Intern   June 2024 – July 2024
Ignite Intern   *Remote*

- Developed visualizations and dashboards using Python, Pandas, and Power BI, enhancing stakeholder insights by **40%**.

Data Visualization Intern   June 2024 – July 2024
Cognifyz Technologies   *Remote*

- Designed interactive dashboards and visual reports, improving data comprehension and decision-making efficiency by **90%**.

PROJECTS

<u>IPL 2025 Analytics Platform</u>   *Python , Power BI , Data Cleaning*   <u>GitHub</u>

- Created a dynamic dashboard with **90%** data accuracy reflecting player stats and team performance trends.
- Enhanced user experience with intuitive layouts and real-time data interactivity.
- Deployed on **Microsoft Fabric via Microsoft Power BI.**

<u>Retail KPI Dashboard (Zepto Sales)</u>   *Python , Power BI , Data Visualization*   <u>GitHub</u>

- Designed an interactive dashboard achieving **95%** data visualization coverage of key sales metrics and customer trends.

<u>Car Management in Python & MySQL Connection</u>   *Python , MySQL*   <u>GitHub</u>

- Developed a Python-based Car Management System integrated with MySQL for managing car-related data efficiently.

<u>Sales Forecasting in Python</u>   *Python Libraries (Pandas, NumPy, Matplotlib), Machine Learning*   <u>GitHub</u>

- Achieved **95%** accuracy score in predicting future sales using linear regression and time-series forecasting.

CERTIFICATIONS

- **<u>Intel & CBSE</u>** : <u>AI For All (Appreciate)</u>

- **<u>IBM</u>** : <u>Getting Started with Data</u>

- **<u>GoldMan Sachs</u>** : <u>Excel for Beginners Job Simulation</u>

- **<u>Accenture</u>** : <u>Data Analytics and Visualization Job Simulation</u>

- **<u>TATA</u>** : <u>Data Visualization: Empowering Business with Effective Insights</u>

- **<u>Pwc</u>** : <u>Power BI Job Simulation</u>

- **<u>Be10x</u>** : <u>AI Tools Workshop</u>

PUBLICATIONS

Solar-Powered Water Purification System   Aug 2024 – Oct 2024
International Journal of Scientific Research and Engineering Trends

Published paper in the International Journal of Scientific Research and Engineering Trends (IJSRET), **Volume 10, Issue 05 (Sept–Oct 2024)**, focusing on sustainable, off-grid clean water solutions using solar energy and IoT integration.

ACHIEVEMENTS

- Secured **Third Place** in the event "Techtionary" at TECHUTSAV-INNOHACKS'24, held at **Thiagarajar College of Engineering**, Madurai.

VOLUNTEER EXPERIENCE

Sethu Institute of Technology   *CSBS Dept (Organizer)*   March 2024
Led the planning and execution of the departmental symposium, coordinating events and managing logistics effectively.