

Priyadharshini J

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PROFESSIONAL SUMMARY

Aspiring Machine Learning and Data Analyst with expertise in data analytics, predictive modeling, and process optimization. Skilled at leveraging advanced machine learning techniques to solve complex challenges, enhance decision-making, and drive innovation. Also pursuing a career focused on delivering impactful, data-driven solutions aligned with organizational objectives.

PROFESSIONAL EXPERIENCE

Top Tech Developers

Dec 2024 - Jan 2025

Chennai

Data Analyst Intern

- Analyzed large datasets to identify key trends and patterns, providing actionable insights to improve operational processes (Python, Excel)
- Developed and maintained dashboards to visualize key performance metrics and support data-driven decision-making (Tableau, Power BI)
- Streamlined data processing workflows by automating repetitive tasks, improving accuracy and reducing analysis time.
- Collaborated with cross-functional teams to define metrics and reporting requirements aligned with business goals.

TECHNICAL SKILLS

Data Analysis and Visualization: Power BI, Microsoft Excel, Matplotlib.

Machine Learning: Scikit-learn, TensorFlow, PyTorch, Keras.

Data Processing and Automation: Python (Pandas, NumPy), SQL.

Requirements and Process Modeling Tools: UML, Microsoft Visio.

PROJECTS

Employee Promotion Analysis

Built a predictive model to analyze factors influencing promotions using EDA and machine learning. Optimized accuracy with feature engineering and hyperparameter tuning. Tools: Python, Pandas, Scikit-learn.

Language Translation Using Python

Developed a language translation application using Python, leveraging libraries like `googletrans` and `tkinter` for seamless translation and user interaction. The project involved importing and managing datasets for multiple languages, building a user-friendly GUI for text input and output.

EDUCATION

**Bachelor of Engineering in Computer Science
Engineering - specialization with Artificial
Intelligence and Machine Learning**

2022 - 2026

Rajalakshmi Institute of Technology,
Chennai .

CGPA - 8.23

CERTIFICATIONS

- Introduction to Python
- Data Analysis using Python
- Data Analysis using Excel
- Introduction to Career Skills in Data Analytics
- Japanese language (N5 level)