

PARUPUDI BHAGYASRI

DATA SCIENTIST

Data Science & Analytics MSc Student

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PROFESSIONAL SUMMARY

MSc Data Science & Analytics student with hands-on experience in machine learning, predictive modeling, and analytics. Skilled in Python, SQL, data visualization, and end-to-end ML pipelines. Seeking data science or machine learning internships in France.

EDUCATION

Master of Science in Data Science & Analytics – EPITA School of Engineering and Computer Science, Paris, France.
Relevant Coursework: Machine Learning, Big Data Technologies, Statistical Modeling, Data Visualization

PROJECTS

A Deep Learning Approach to Agricultural Yield Estimation - <https://github.com/Bhagya0811/Evaluating-YOLOv10-for-Precision-Fruit-Counting.git>

The YOLOv10 object detection model in counting fruits on trees or plants. It aims to support accurate yield estimation in precision agriculture by training YOLOv10 on a fruit dataset and evaluating detection and counting performance.

Employee Performance Prediction – <https://github.com/Bhagya0811/Employee-performance-prediction.git>

Collaborator. Built regression model predicting employee productivity using engineered HR features; achieved 86% R^2 .

Employee Burnout Analysis – github.com/Bhagya0811/Employee_Burnout_Analysis

Built ML model with 80%+ accuracy using Logistic Regression, SVM, and Random Forest; performed EDA to identify burnout indicators.

DSP Portfolio – github.com/Bhagya0811/dsp_bhagyasri_parupudi

Developed regression models and FastAPI deployment pipeline; optimized features and maintained clean code using Flake8. Collection of ML workflows, EDA, and reproducible projects using Git.

INTERSHIPS

AWS Cloud Virtual Internship - Gained hands-on experience with AWS services (EC2, S3, Lambda)

Machine Learning Internship - Developed and trained machine learning models using Python and scikit-learn

AI & Machine Learning Internship - Completed hands-on projects in machine learning and artificial intelligence

TECHNICAL SKILLS

Programming: Python, SQL.

ML: Regression, Classification, XGBoost, Feature Engineering

Visualization: Matplotlib, Seaborn, Plotly

Tools: Git, GitHub, Jupyter Notebook, VS Code, Airflow, FastAPI, Streamlit

Cloud & Databases: AWS EC2, MySQL, PostgreSQL, NoSQL