

ABHYANSH SHRIVASTAVA

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EDUCATION

Bachelor of Technology CSE, Jaypee University of Engineering and Technology, Guna 2020 - 2024

Relevant Coursework: Data Structures and Algorithms, Database Management System, Machine Learning, Computer Networks, Operating Systems, Probability Theory, Logical and Quantitative Analysis, Software Engineering

12th CBSE, Shri Vinayak International Senior Secondary School, Orai 2019 - 2020

Relevant Coursework: Physics, Chemistry, Mathematics, English, and Physical Education.

SKILLS

Technical Skills	Python (Data Analysis), C++, SQL, Data Preprocessing, Data Cleaning, Power BI
Soft Skills	Quick Learner, Team Player, Problem Solving Mindset
Data Analysis Skills	MS Excel, Data Visualization, EDA, Numpy, Pandas, Matplotlib, Seaborn, Git
Data Science Skills	Machine Learning, NLP, Deep Learning, Gen AI
Tools	GitHub, MySQL, Kaggle, Streamlit

TRAININGS

Data Science Program – Career 247(Remote) May 25 - Present

- Topics - Data Analysis, Python, NumPy, Pandas, MS Excel, Machine Learning, SQL, EDA, Deep Learning, NLP, Statistics, Gen AI.

PROJECTS

Decision Tree Classifier from Scratch – Breast Cancer Dataset

Implemented a decision tree classifier entirely from scratch using Python, without ML libraries. [Git-Hub](#)

- Designed functions for entropy, information gain, recursive splitting, and prediction.
- Evaluated model performance using accuracy and balanced accuracy with 94%, and cross-validation.
- Gained deep understanding of supervised learning and tree-based algorithms.
- Technologies - Python, Decision-Tree (ML)

Weather Prediction using Logistic Regression [Colab-Link](#)

- Performed EDA with graphs and boxplots, handled outliers and missing values.
- Applied one-hot encoding, feature engineering and scaling.
- Logistic Regression achieved 85.36% accuracy (train and test), showing no overfitting.
- Technologies - Pandas, Matplotlib, NumPy, Streamlit, Seaborn.

CERTIFICATIONS

Mastering MySQL: Database Creation, Management and SQL Queries. [Certificate](#)

- Covered SQL queries, database creation, and management using MySQL.
- Gained hands-on experience in data retrieval, filtering, and relational schema design.

Internshala Training in Data Science. Introduction to Python for DS, Statistics for DS, Predictive Modeling and Basics of ML. [Certificate](#)