

# ABHYANSH SHRIVASTAVA

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## EDUCATION

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**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

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

## TRAININGS

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**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

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### 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

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### 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](#)