

ABHAY S KULKARNI

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Education:

Amrita Vidyalayam, Davanagere

May 2019 – Jul 2020

10th Grade:	Percentage
	80.67%

Sri Siddaganga PU College, Davangere

June 2021 – Mar 2022

12th / PUC:	Percentage
	83.84%

J.S.S. Academy of Technical Education, Bangalore

B.E. in Information Science and Engineering

Aug 2022 – Present

Semester-wise SGPA:	SEM 1	SEM 2	SEM 3	SEM 4	SEM 5	Current GPA:
	7.75	8.25	8.38	8	8.5	8.18

Projects:

1. Miniproject: Predicting QoS Metrics using Decision Tree(ML Classification Model)

Designed and implemented a Decision Tree model to predict Quality of Service (QoS) metrics for network performance. The project involved analyzing historical data to identify patterns and trends influencing QoS parameters such as latency, bandwidth, and packet loss.

Leveraged Python and relevant libraries for data preprocessing, feature selection, and model training, ensuring high prediction accuracy. This project demonstrated expertise in machine learning, data-driven decision-making, and optimizing network service quality.

2. Titanic Survival Prediction

Built a model to predict whether a passenger survived the Titanic disaster using classification techniques on the Titanic dataset.

3. Movie Rating Prediction

Developed a regression model to predict movie ratings based on features such as genre, director, and actors.

4. Iris Flower Classification

Created a classification model to identify Iris flower species based on sepal and petal measurements.

5. Sales Prediction Using Python

Forecasted product sales using machine learning techniques, analyzing factors like advertising expenditure and audience segmentation.

6. Credit Card Fraud Detection

Built a model to classify transactions as fraudulent or genuine using classification algorithms while addressing data imbalances.

Experience:

Cod-Soft Internship

February 2025

Successfully completed a one-month virtual internship in Data Science and Machine Learning at CodSoft, where I accomplished five structured tasks, gaining hands-on experience in data analysis, predictive modeling, and visualization. Leveraged Python and libraries like NumPy, Pandas, and Scikit-learn to implement machine learning algorithms for real-world applications, enhancing my problem-solving and analytical skills.

Technical Skills and Interests:

Data Analysis Tools & Languages: C, C++, Java (Basics), Python, R, SQL, Excel

Web-Dev Tools: Node.js, VS Code, Git, GitHub

Statistical Analysis & Techniques: Regression Analysis, Time Series Analysis, Predictive Modeling

Data Visualization & Reporting: Tableau, Power BI, Matplotlib, Seaborn

Database Management: MongoDB, MySQL, Post-Gre SQL

Areas of Interest: Web Development, Artificial Intelligence, Machine Learning, Data Science

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability, Communication

Certifications:

- Certificate of Completion, Data-Science Internship - By Cod-Soft)
- Certificate of Completion, Master in Machine Learning and Python for Quantitative Finance and Learn to Build and Backtest Algo Trading Strategies Course - By Raj Chabbria (Udemy)
- Certificate of Completion, Master in Data Science & Machine Learning in Python: Numpy, Pandas, Matplotlib, Scikit-Learn, Machine Learning, and more! Course - By Meta Brains (Udemy)
- Certificate of Completion, Automated Machine Learning Course - By Meta Brains (Udemy)
- Certificate of Completion, Python and Flask & Django Demonstration Course - By Horizon-Tech (Udemy)