

VISHNU VARDHAN

Linkedin : [vishnu-varadhan0](#)
Github : [vishnucipher](#)

Email: vishnuvardhankalva8@gmail.com
Mobile : +91 7901383658

EDUCATION

Vaagdevi Engineering College
Bachelor of Technology in Data Science GPA 7.58

Warangal,Telangana
June 2020 – August 2024

SKILLS SUMMARY

- **Languages :** Python
- **Data Analysis :** Pandas, Numpy , Exploratory Data Analysis(EDA),Data Cleaning
- **Data Visualization :** Matplotlib, Seaborn, MsExcel, Power BI
- **Machine Learning :** Supervised Learning, Unsupervised Learning, Model Evalution, Hyperparameter Tuning etc..
- **Statistics :** Descriptive Statistics, Inferential Statistics, Hypothesis Testing , Regression Analysis etc..
- **Platforms :** Anaconda, Visual Studio Code, Sublime-Text, Jupyter Notebook, Git, Notion, PowerPoint, Msword
- **Operating Systems :** Windows, Linux
- **Deployment Tools :** Vercel, Render, Streamlit
- **Soft Skills :** Fast Learner, Time Management, Communication Skills , Typing Skills (60wpm+)

WORK EXPERIENCE

Data Science Intern
UnifiedMentor

August 2024 – February 2025

- Workin on machine learning projects, powerbi projects, basic data science projects.
- Collaborating with a team to develop data-driven solutions that enhance decision-making processes.
- Applying skills in data analysis, model building, and visualization to solve real-world business problems.
- Gaining hands-on experience in using machine learning techniques and creating insightful dashboards with Power BI.

Independent Data Science Enthusiast
Self-Educated through free Online Courses

- Worked on personal projects like whatsapp chat analysis, wine quality prediction, Customer Segmentation etc.. Projects Link : [Projects](#)
- Used python and Jupyter Notebook to analyze and visualize the data and create machine learning models.
- Deployed projects using clouds like Streamlit, Render, Vercel
- Efficient in using both Windows and Linux Systems.

PROJECTS

Wine Quality Prediction | [LINK](#)

- Achieved a 97% accuracy rate in wine quality prediction by developing and deploying the project.
- Predicted wine quality in a machine learning project, demonstrating skills in feature engineering and model selection.
- Handled missing values and used various data preprocessing techniques to improve model performance.
- Created a user-friendly web app to interact with the model, successfully deploying it for real world use.

Customer Segmentation | [LINK](#)

- Developed a machine learning model to group customers and suggest financial services like saving plans, loans, and wealth Management.
- Analyzed customer features to identify distinct groups and provide personalized financial advice.
- Achieved 96% accuracy in the model, significantly improving the relevance of financial recommendations.
- Enhanced customer satisfaction through targeted service offering based on data-driven insights.
- Developed a user-friendly web app to interact with the machine learning model and provide personalized financial recommendations.

Whatsapp Chat Analysis | [LINK](#)

- Developed a comprehensive web tool for analyzing and extracting insights from WhatsApp conversations.
- Implemented features allowing users to upload chat logs for in-depth analysis and visualization of data.
- Generated detailed visualizations and metrics that offer a thorough understanding of communication patterns and dynamics within chats.
- Enhanced user’s ability to assess and interpret conversation trends through an intuitive and user-friendly interface.

Online Courses & Certifications

- **Data Science Real-Life Exercise**
Udemy & YouTube
Learned practical data science techniques through real-world exercises
- **Comprehensive Data Science Path: Pandas, Machine Learning, Feature Engineering ...**
YouTube & Udemy
Studied data handling, machine learning, and feature engineering from basics to advanced levels.
- **Machine Learning with Python**
Udemy & YouTube
Developed hands-on projects to apply machine learning algorithms using Python.
- **Python Programming**
W3Schools & YouTube
Gained a deep understanding of Python programming, from python concepts.
- **Power BI for Data Visualization**
YouTube
Learned to create interactive dashboards and visual reports with Power BI.

Content Creation: Data Science Concepts

- **Machine Learning and Data Science**
Write and publish blogs on various machine learning and data science concepts, offering clear explanations and practical examples. Including statistics concepts
Medium Link : [Blogs](#)
- **Hobbies Related to Data Science:**
Exploring New Data Set
Reading Data Science Blogs
Participating in Online Data Science Communities
Experimenting with Machine Learning Models
Attending Data Science Webinars