VISHNU VARDHAN

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**EDUCATION**

**Vaagdevi Engineering College** Warangal,Telangana

Bachelor of Technology in Data Science GPA 6.00 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 Statestics, 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](https://www.datascienceportfol.io/vishnuvardhan)
* 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**](https://github.com/vishnucipher/wine-quality-prediction)

* 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**](https://github.com/vishnucipher/Cusotmer-Segmentation)

* 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**](https://github.com/vishnucipher/whatsapp-chat-analysis)

* 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 Content Creation: Data Science Concepts

* **Data Science Real-Life Exercise** • **Machine Learning and Data Science**

*Udemy & YouTube* Write and publish blogs on various machine learning

Learned practical data science techniques through real-world exercises and data science concepts*,* offering clear explanations

* **Comprehensive Data Science Path: Pandas, Machine Learning, Feature Engineering …** and practical examples**.** Including statistics concepts

*YouTube & Udemy* Medium Link [: Blogs](https://medium.com/@vishnu-vardhan)

Studied data handling, machine learning, and feature engineering from basics to advanced levels*.*

* **Machine Learning with Python**

*Udemy & YouTube* **Hobbies Related to Data Science:**

Developed hands-on projects to apply machine learning algorithms using Python. Exploring New Data Set

* **Python Programming** Reading Data Science Blogs

*W3Schools & YouTube* Participating in Online Data Science Communities

Gained a deep understanding of Python programming, from python concepts. Experimenting with Machine Learning Models

* **Power BI for Data Visualization** Attending Data Science Webinars

*YouTube*

Learned to create interactive dashboards and visual reports with Power BI*.*