

Vishal Waghmare

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Education

University of Pune Graduated August 2023

Bachelor of Engineering, Electronics & Telecommunication | CGPA: 7.63/10

Relevant Courseworks: Data Analysis, Cloud Computing, DBMS, Project Management

Skills

Programming Language: Python

Data Management: Data Warehousing, Data Modeling, ETL, EDA

Backend/Server: Flask, API Integration, Google Cloud Platform

Data Visualization/Analytical Tools: Power BI

Database: MS-SQL Server

Software/IDE: Jupyter Notebook, Pycharm, Visual Studio

Machine Learning: Linear regression, Logistic regression, Decision trees, K-NN

Frontend/Client: HTML, CSS

Work Experience

Software Engineer Intern — EIGenlytics Data Solution Mar 2024 – May 2024

- Analyzed customer review data to derive **sentiment** insights using Excel and **Power BI**, and created visualizations to present findings to stakeholders.
- Collaborated on developing scalable browser automation applications using **Python** and **Flet**, enhancing user experience, performance, and contributing to overall product development.
- Participated in code reviews and debugging sessions to ensure code quality and reliability.

Jr Data Analyst Intern — Flourisense Services Oct 2022 – Jan 2023

- Utilizing various **APIs** and **URLs** to obtain information from online resources and cloud services.
- Authored a comprehensive project document for the client's benefits in **decision making**.
- Contribution to technology based on **automation**, optimizing workflows for efficient solutions.

Projects

House Price Prediction Web Application Oct 2024 - Nov 2024

- Developed a web application to predict house prices using **machine learning** models and a **Flask** backend, based on features such as location, square footage, and room count.
- Deployed the application online, allowing users to interact with the model and receive price predictions in real-time.
- Achieved **74% R-squared score** using **Mean Target Encoding** for feature encoding.
- Technologies: Flask, Python, Machine Learning, HTML, CSS, Deployment.

End-to-End Data Warehouse Project Sept 2023 - Oct 2023

- Spearheaded the analysis of a Kaggle Brazilian E-Commerce dataset with over a million entries, unearthing crucial insights and patterns within relational tables.
- Successfully implemented star schema, **data marts**, and relational databases.
- Technologies: MS SQL, ML, Power BI, **ETL**, Python.