

# Vishal Waghmare

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## Education

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**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

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**Programming Language:** Python

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

**Backend/Server:** 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

## Projects

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**Uber Insight Engine** **Nov 2023 - Dec 2023**

- Engineered features in the NYC TLC trip record dataset using **GCP**, Cloud Storage, ML and **BigQuery** resulting in a substantial improvement in ETA predictions and a commendable enhancement of user experience.
- Technologies: GCP, Cloud Storage, **BigQuery**, API, ML, Power BI, SQL, Python.

**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.

**NLP Sentiment Analysis** **Aug 2022 - Nov 2023**

- Analyzed a substantial dataset of 61,593 Kaggle Spotify Music App reviews using NLP for sentiment analysis.
- Crafted compelling visualizations with **Matplotlib** and **Seaborn**, and generated word clouds for user sentiment insights.
- Technologies: **Matplotlib**, Python, NLP.

## Work Experience

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**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.

## Licenses & Certifications

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Python (Basic)

HackerRank

MS-SQL Server

HackerRank