

# PUSHPAK GAIKWAD

Pune, Maharashtra

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## COURSEWORK / SKILLS

- |                               |                                     |                        |                     |
|-------------------------------|-------------------------------------|------------------------|---------------------|
| • Machine Learning Algorithms | • Pandas                            | • Excel                | • Problem Solving   |
| • Python                      | • Database Management System (DBMS) | • MySQL                | • Analytical Skills |
| • Seaborn                     | • Matplotlib                        | • Numpy                | • Tableau           |
|                               |                                     | • Communication Skills | • Power BI          |

## WORK EXPERIENCE

### Skylex Technology Pvt Ltd

Jan 2022 – July 2023

#### Database Administrator

Pune, India

- Installed and configured database management systems (DBMS).
- Collaborated with developers and system architects for database design.
- Created and maintained database schemas, tables, indexes, and objects.
- Monitored and resolved performance issues; optimized queries and configurations.
- Developed and implemented backup and recovery strategies for data integrity.
- Managed security measures, user access, and permissions for data protection.
- Planned and executed data migration between different database systems.
- Optimized stored procedures for improved execution speed and resource utilization.

### Technocolabs Softwares

May 2024 – June 2024

#### Data Analyst Intern

Pune, India

### Big-Mart Sales Analysis | Python, Machine Learning

May 2024

- Data cleaning and feature engineering on data.
- Used multiple visualization techniques like distplot, heatmap, barplot, histplot, and scatterplot.
- Worked on standard scaler and robust scaling to build models in XGBoost Regressor, Gradient Boosting Regressor, and Random Forest Regressor.
- Used machine learning algorithms to make predictions about sales and saved the model using pickle.
- **Skills Utilized:** Data preprocessing, feature engineering, machine learning, XGBoost Regressor, Gradient Boosting Regressor, Random Forest Regressor, train-test split, Pickle model.

### Financial Risk Analysis | Python, Machine Learning, Power BI

June 2024

- Data cleaning and feature engineering on large dataset.
- Performed Exploratory Data Analysis to find useful insights.
- Used machine learning algorithms to make predictions about Prosper data for that used Logistic Regression.
- Used PCA for dimensionality reduction and evaluate the models using confusion matrix and classification report.
- Utilized Power BI to create an interactive financial analysis dashboard for Prosper data.
- Used DAX and visualizations to enable deeper insights and informed decision-making.
- **Skills Utilized:** Data preprocessing, feature engineering, machine learning, Logistic Regression, train-test split, Pickle model, DAX Queries, Data Visualization.

### Zidio Development

June 2024 – Present

#### Data Science Intern

Pune, India

### E-com Customer Segmentation Analysis | Python, Machine Learning

June 2024

- Used various data preprocessing techniques.
- Performed data cleaning and feature engineering.
- Worked on Exploratory Data Analysis and applied different visualization charts like heatmap, barplot, and clustered bar charts.
- Used K-means clustering algorithms to segment data into clusters using the elbow method.
- **Skills Utilized:** Data preprocessing, data cleaning, machine learning, K-means clustering, silhouette score, elbow method.

## EDUCATION

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**Dr. Babasaheb Ambedkar Technological University**

*Mechanical Engineering - **CGPA: 7.8***

**2017 – 2021**

*Raigad, Maharashtra*

## TECHNICAL SKILLS

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**Languages:** Python, HTML, CSS, C, JavaScript, SQL

**Developer Tools:** VS Code, Jupyter Notebook, PyCharm, Ubuntu

**Technologies/Frameworks:** Linux, GitHub, Flask, Git, Django, Bootstrap

## CERTIFICATIONS

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• MySQL for Business Intelligence - Udemy

• Business Analyst - UpGrad

• Data

Science Bootcamp - Udemy

• Python for Data Science - Coursera