



## SUMMARY

Experienced Data Scientist with over 2.5 years of proven expertise in leveraging data science methodologies to tackle intricate challenges. Eager to embark on a rewarding professional journey, seeking a dynamic role where I can apply my skill set to drive substantial change and create meaningful outcomes.

## EDUCATION

### NMU

Bachelor's Degree in Computers

## SKILLS

- Expert in Python, SQL
- Numpy, Pandas, Regex
- Good Knowledge of Linear & Logistic Regression, KNN, Kmeans, SVM, Naive Bayes, Decision Tree, Random Forest.
- Good at DL, ANN, CNN
- Persue good knowledge in NLP, BOW, Word embedding
- Flask web Framework
- VS Code, Conda, Pycharm, Windows
- Sklearn, Matplotlib, seaborn
- Excel
- Basics of PowerBi

## PROFESSIONAL EXPERIENCE

### Data Scientist

**Libity Infotech | Nov 2021- Present**

### Projects

#### **Project Name: Supermarket sales prediction**

#### **Domain: Sales Forecasting**

#### **Description:**

The goal of this project is to create a regression model that can predict the sales of each product in a supermarket for the upcoming year. This is essential because understanding sales trends allows businesses to implement effective strategies to boost revenue. Imagine you're running a supermarket, and you want to know how much of each product you'll sell next year. This model will help you do just that by analyzing historical sales data and identifying patterns that can forecast future sales. By accurately predicting sales trends, you can make informed decisions about inventory management, marketing strategies, and pricing tactics. Ultimately, this will lead to increased profitability and better customer satisfaction.

#### **Responsibilities:**

- For Sales prediction, we need to preprocess the data by removing the null values, missing values.
- We also check for the outliers in the data with the help of Inter Quartile Range, also checked if the data is balanced, skewed etc.
- For training our preprocessed data we used the Randon forest algorithm
- Got the best accuracy with this.
- Finally we deployed our Model using the Flask web framework

## COMPETENCIES

- Experience using ML libraries, such as Scikit Learn, Seaborn, Matplotlib, Pandas, NumPy, RegEx, etc.
- Experience diving into data to discover hidden patterns
- Take ownership of the data science model end-to-end from data collection to model building to deploy the model with the help of web framework (flask).
- Ability to understand business concerns and formulate them as technical problems that can be solved using data and math /stats / ML
- Experience working as part of a product team, along with engineers and product managers, to define the problem and execute the data science solution

## LANGUAGES

- **English**
- **Hindi**
- **Marathi**

## Projects Name: Fashion AI System

### Domain: E-commerce Industry

#### Description:

The aim of this project was to revolutionize online shopping by providing personalized recommendations, analyzing customer behavior, and helping businesses make data-driven decisions to maximize profits. It also can track which products are viewed frequently, added to carts, and purchased, providing valuable insights into customer preferences.

#### Responsibilities:

- After data collection, we noticed some blurred images so our foremost responsibility was to preprocess them and scale each picture to the same level
- Then our foremost task was to clean the data
- After that, we used a data augmentation technique so that we could create different data instances and train our model well. Along with that scaling technique was used
- Then we split our data for training and evaluation, for model compiling we used CNN and the Nearest Neighbour technique
- Then we performed the task of training our model After our model was trained we carried out a model evaluation on a testing data set to get a report of how our model is performing, we used evaluation metrics. When we were satisfied with the model evaluation result we saved our model for future usage

## Teaching Experience

Trainer at Libity Infotech  
Former Tutor at WHJr  
former Tutor at Campk12

Conducted workshops and seminars at several engineering and polytechnic colleges

