

SACHIN MANJREKAR

Software Engineer AI ML

CONTACT

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SKILLS

- Python
- Data Handling using Pandas
- Data Visualization using Matplotlib, Seaborn
- MongoDB, SQL
- Supervised Algorithms-
- UnSupervised Algorithms-
- WebScraping
- NLP, GAN, LLM

EDUCATION

IIT-M Advanced Programming
Professional & Master Data Science
GUVI

2022-2023

Credential ID : 932Gx3I45m76h17A83

Credential URL :
<https://www.guvi.in/verify-certificate?id=932Gx3I45m76h17A83>

Bachelor of Engineering
(Computer Science)

SDMIT Ujire
2013-2017

ACHIVEMENTS

GATE-2018 with AIR-5444

WORK EXPERIENCE

2021(Dec)- 2022(Aug)

I have worked as **Associate Embedded Software Engineer** in **Amtronics Engineering Services Pvt. Ltd.** For 8 months.

Currently working as **Python Developer** in **Provakil Tech Services Private Limited.**

PROJECTS

1. Customer Conversion Prediction of Insurance Company

- This project aims to predict whether a customer will buy insurance based on their demographic and call-related information. The dataset used contains records of 45,000 people who have been contacted by an insurance company. The dataset includes features such as age, job, marital status, education qualification, time period of call, duration of call, etc.
- The first step in the project involved data engineering to handle unknown values and outliers. Once the data was cleaned and preprocessed, classification models . Identify the best-performing model. The XGBoost model was found to give the best prediction accuracy of 92%, which was further improved by finetuning the learning rate.
- Github : <https://github.com/sachincmanjrekar/Customer-Conversion-Prediction>

2. Build Back-end API for small ecommerce site using Python

- Registration API . new users first name , last name and other required information for registration of new users .
- Build Login API to accept the user name and password.
- Build Product Upload API for uploading Product details .
- Product Review API .Here User can have the review option ,user can review the product and rating.
- Show the product in the pagination wise and sorting based on the review.
- Github : <https://github.com/sachincmanjrekar/Ecom>

3. Item Demand Forecasting using ML

- Here Dataset Contained **Sales of 50 Items** across **10 Stores** for 5 years(2013-2017) .
- .Our aim is to **Predict the demand for the next 3 months at the item level.**
- Analyzed 4 years of sales data for a retail company to **identify trends and patterns in item-level demand.** Developed machine learning models using Python and scikit-learn to predict demand for each item over the next 3 month
- Github : <https://github.com/sachincmanjrekar/Item-Demand-Forecasting>