



Marmik Thaker

Making a better future using Data and Predictions, by working in an organisation that provides technical and personal development

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Education

IIITDM Kancheepuram

B.Tech (Mechanical Engineering)

Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram , Chennai ,Tamilnadu
IIITDM Kancheepuram CGPA - 7.8

IIT Madras

BS (Data Science and its Application)

IIT Madras Online Degree CGPA - 7.0

*Foundation level - IIT Madras (Completed)

*Diploma in Data Science - IIT Madras (Completed)

10 th (2018)

ST,JOSEPH'S HIGH SCHOOL , Wadala , Mumbai 92.8%

12 th (2020)

Pace Junior College , Andheri ,Mumbai 81.54%

Projects

Marketing Strategy - Personalised Offer (Rank -2 in Kaggle)

- Data collected through a survey , to understand the driver's behavior regarding their preference for discount/offer for dining/takeaway.
- Providing 70 % more accuracy on whether a driver would select a restaurant while driving on that route.
- Giving restaurants near-by a better predication by 93 % about dinning or take-away food.

Zomato Bangalore Restaurants

- The basic idea of analyzing the Zomato dataset is to get a fair idea about the factors affecting the establishment of different types of restaurant at different places in Bengaluru
- How different factor of Bangalore and people living there affects the consumption of different variety of food in various areas.
- Getting a person on what kind of restaurant one should open in a specific area to maximise his sales.

Flashcards WebApp

- (HTML, CSS, Javascript) A website than can use to store que's/cards with various information and the user can view his cards on his dashboard.
- It makes it easy to jot down important information and to view that in a click of time.

Smart Helmet

- Designing and proto-typing a Smart Helmet with automatic buckling system and alarm system for safety.
- Wireless connection with bike and modern features like Bluetooth ,etc.

Language Known

English , Hindi , Marathi , Gujarati

Hobbies

Basketball , Running , Collecting vintage coins.

Skills

Data Science / Machine Learning

Python, Data Visualisation, Data wrangling, Supervised learning algos, Unsupervised Learning algos, ANN, CNN, EDA, Feature selection & extraction etc.

Maths for Data Science And Machine Learning

Maths for Data Science, Vector Algebra, Matrix Algebra, Descriptive statistics, Inferential statistics

Python packages

NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit-learn , Statsmodels, Flask , Beautiful soap

Programming Languages

Python, C language ,Java , HTML , CSS , SQL

Web Development Tools

HTML, CSS , Flask , JavaScript

DataBases

SQL , PostgreSQL , Redis

Key Courses(CSE)

Data Science ,Data Structures using Python, Application Development , Linux (Bash Commands) , DBMS , Machine Learning.

Key Courses(ME)

Software- Computer-aided design (CAD) software: SolidWorks, AutoCAD, Autodesk Fusion 360, MS excel, MS word , MS Power Point, MATLAB ,Design -Machine Drawing, Sociology of Design, Product Management , Entrepreneurship &Management

Interests

Machine Learning ,Artificial Intelligence ,Backend Development ,Basketball ,Data Analytics , Software engineering, Mechanical Engineer

Soft skills

Fast learner , Leadership , Team Player , Communication , Time management.

Experience

IIT Madras Online Degree in Data Science

- Worked on data collection and cleaning, ensuring data quality and accuracy for analysis
- Conducted exploratory data analysis using various statistical techniques to identify patterns and trends
- Assisted in building predictive models using machine learning algorithms such as regression, classification, and clustering.