OM DANGE (He/Him/His)

Solitaire 1, Poonam Gardens, Mira Road, Thane-401107
+91 79777 33401 | ommeleven@gmail.com

EDUCATION

Pace Science Junior College, Borivali(11th - 12th)   **Mumbai, IN**
Maharashtra Board: HSC Science Stream   Expected May 2022
  ● Relevant Coursework: Physics, Chemistry, Mathematics, English and Computer Science(I& II)

Seven Square Academy, Mira Road(3rd - 10th)   **Thane, MH, IN**
CBSE Class 10(AISSE)   April 2012 - March 2020
Top 10% of Class; School JV and V Soccer Team; Divisions Sprint Athlete
  ● Relevant Coursework: English, Hindi Course-B, Mathematics Standard, Science, Social Science, and
    Computers/Information Technology. A grade in Work, Art and Physical Education.

PROJECTS

AIRLINE TICKET PRICE PREDICTION
- ***Python Machine Learning Project; 3 days of Working***
- ***Predicting Flight prices using Regression & Ensemble Algorithms***
- Extracted & performed Data preprocessing & Label encoding on the dataset, applied Random Forest on Data & Automated Predictions, used Linear Regression & multiple Algorithms for dumping model; Also cross-validated the model.

HOTEL BOOKING CANCELATION PREDICTION
- ***Python Machine Learning Project; 10 days of Working***
- ***Predict Whether the booking is going to cancel or not***
- Analyzed Home country of guests, prices, and demands of hotels across years, Categorised Data & Handled Outliers, used Logistic Regression, Cross-Validation, Decision Tree, Random Forest, KNN & Naive Bytes to deliver the final model.

SUPPLY CHAIN DESIGN AND PLANNING
- ***Used Python and Excel to create Advanced Excel Model; 11 Days of Working***
- Analyzed Strategic Supply Chain Networks of Ikea, Dell, Zara, and Walmart, focused on strategic & operational supply chain planning using optimization, Extensive usage of Pulp for designing network & design components & creating a Manufacturing Model.

SOCIAL DISTANCING AR iOS APP
- ***Personal Device used for Testing; used C# with Unity, results also displayed on PC***
- Using BodyTracking Technology and Rear Camera to measure Distance using InBuilt iOS technology and analyzed potential risks from other Human bodies. Displays warning signs and Red Alert on Risks, added an extra module to detect Face Masks on nearby bodies with Machine Learning.

SKILLS & INTERESTS

- Programming: Python (NumPy, pandas, openCV, sci-kit-learn, matplotlib, Seaborn, PyTorch, GAN'S and CLIP through Generative A.I, Neural Networks[Tensorflow and Keras]), C++, C#; Unity(for iOS on Windows), Frontend Dev.(HTML, CSS, js, React, Typescript), Git and Github, Machine Learning, Data Visualization, Spring AOP, Web scraping, Android App Development.
- Language: Fluent in English, Marathi, and Hindi.