Mistry Bhavya Hasmukhbhai

Seeking an internship opportunity to apply and expand expertise in Data Science and AI/ML.

SKILLS

Languages
- Python
- SQL

Libraries
- Numpy
- Pandas
- Scikit-Learn
- Matplotlib
- Seaborn
- FastAPI
- Deep Learning (Exploring)
- NLP (Exploring)

Tools
- Visual Studio
- Google Colab
- GitHub

Soft Skills
- Communication Skills
- Time Management
- Teamwork

LANGUAGES
- English
- Hindi
- Gujarati

CERTIFICATIONS
- Artificial Intelligence | Indus University (2024)
- Getting Started with Machine Learning Algorithms | Simplilearn (2024)
- Introduction to SQL | Simplilearn (2024)

EXPERIENCE

Prodigy Infotech | May 2025 – May 2025
- Collaborated on real-world data science projects involving supervised and unsupervised machine learning techniques.
- Performed data cleaning, feature engineering, model training, and evaluation using Python and Scikit-learn.

EDUCATION

Bachelor of Technology (Information Technology) | 2022-2026
Indus University, Ahmedabad, Gujarat
CGPA : 9.57

HSC | 2022
A.G. High School and G. & D. Parikh Higher Secondary School
Percentile Rank : 59.30

SSC | 2020
S.H. Kharawala Primary School
Percentile Rank : 93.95

PROJECTS

Flight Price Prediction
- Built a machine learning model using Python, Pandas, Scikit-learn, and Seaborn to predict flight prices.
- Achieved an **R^2 score of 70** and **MAPE of 20** using Decision Tree Regression with hyperparameter tuning (GridSearchCV).

SmartHealth (Diabetes Prediction)
- Developed a predictive model using Decision Tree and Logistic Regression to detect diabetes.
- Achieved **77%–80% accuracy**. Processed medical data (e.g., glucose, BMI, blood pressure) for early diagnosis support.

Customer Segmentation
- Performed customer segmentation using **RFM analysis** and **K-Means clustering**.
- Visualized clusters and built a **Streamlit web interface** to demonstrate insights for targeted marketing strategies.

Single Image Dehazing
- Applied the **Dark Channel Prior** algorithm with **Guided Filtering** to remove haze from single images using OpenCV and Python, improving visual clarity and contrast in challenging conditions.

GET IN TOUCH

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