

DHRUV B PANCHAL

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Objective

Dedicated data science enthusiast with a strong academic foundation and a passion for transforming complex data into actionable insights. Seeking a challenging role in Data science Domain and predictive modeling to contribute to data-driven decision-making and business growth.

Technical Skills

Languages/Framework/Database: Python, Pandas, Numpy, Flask, Sql, MongoDB, MLAlgorithms, NLP.

Data Science and Miscellaneous Technologies: Data Science Pipeline(collection, cleansing, visualization,modeling, interpretation), Statistics, Hypothesis Testing, Aws.

Experience

Kody Technolab Ltd.

Jan 2024 – Jun 2024

Intelligent Assistance with Face Recognition.

Iscon cross road, Ahmedabad, Gujrat

- Developed an AI-based system integrating facial recognition and natural language processing (NLP) to provide personalized assistance within the college domain. The system greets users by name if recognized or generically greets unknown users, and responds to queries related to college information.
- Explored Technologies: Gained proficiency in Python, ML, DL, OpenCV, and NLP.

Snapfix Ltd.

Jul 2023 – Aug 2023

Predict The Chance Of Admission [Git](#)

Gota, Ahmedabad, Gujrat

- The task of developing a predictive model to estimate the likelihood of admission to a specific educational institution using the Linear Regression algorithm. By utilizing historical admission data and relevant features, I created a model that assists prospective students in understanding their chances of acceptance.
- I use pandas, numpy, matplotlib, seaborn and sciket learn to create an End to End project which is deployed in aws.
- Enhanced knowledge of statistics and machine learning algorithms.

Projects

Diabetes Prediction[Git](#)

Mar 2024

- Tools : Python, Pandas, Numpy, Sciket-learn, Aws.
- This is my first self placed ml project. project is based on predicting whether a patient has Diabetes or not using Logistic regression.
- Gained hands-on experience in data preprocessing techniques, feature engineering, and model development. Enhanced skills in utilizing Python libraries for data manipulation, visualization, and machine learning. Developed a deeper understanding of logistic regression and its applications in real-world scenarios..

Education

Dhirubhai Ambani Institute Of Information And Communication Technology

Jul 2024 - Present

Master of Technology In Machine Learning Specialization

Gandhinagar Institute Of Technology

Aug 2020 – Jul 2024

Bachelor Of Engineering In Information Technology

CGPA: 9.01

Coursework: Data Structure, Database Management System, Computer Network, Linear Algebra, Statistics.

Pooja Vidyalyaya

Mar 2020

12th - GSEB

Percentage: 70

Shree Muktajivan Vidyalaya

Mar 2018

10th - GSEB

Percentages : 73.5

Certifications

Certificate : Python For Everybody - [Coursera](#)

Certificate : Python For Data Structures - [Coursera](#)

Certificate : Data Analysis with Python - [IBM](#)

Soft Skills

Hard-Working

Adaptability

Problem Solving