

Harsh Narayan

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Education

Fergusson College Pune — Master's in Data Science

Sep 2022 – May 2024

- **Coursework:** Python (DS & DSA), SQL, R, DBMS, ML, DL, Linear Algebra, Probability & Statistics, Mathematical Foundation, NLP.

Patna Science College — Bachelor's in Statistics

July 2017 – May 2020

- **Coursework:** Descriptive Measures, Correlation, Statistical Inference

K.V No.1 Patna — HSC (PCM)

May 2015 – May 2017

Projects

Automated machine Learning WebApp

May 2023

- Here we use Streamlit framework to develop an interactive web application for automated machine learning tasks.
- Used PyCaret library for applying different ML model & Used Y-Data library to generate profile report of data.
- Developed & Deploy a multi-paged [WebApp](#) using **Streamlit**.

Analysis and Prediction of Mental Health Status using Machine Learning Models

October 2023

- We created google form and collected data by asking questions related to mental health.
- Then we preprocessed our collected data and make it suitable for Machine Learning training.
- Next, we saved best performing model either in pickle file or h5(for deep learning trained model) file.
- In last, we make a [Web-Application](#) to predict mental health status over that trained model using **Streamlit**.

Habitable planet prediction | Web App

July 2023 – Present

- Take dataset of JWST (James Webb Space Telescope) from NASA Archive website and Perform EDA
- Calculating Earth Flux using mathematical Flux formula to get knowledge about earth radius.
- Work in progress...

Technical Skills

Languages: Python, SQL, R, Basics of HTML, CSS, JavaScript

Data Science and Miscellaneous Technologies: Data Science Pipeline{ Collection, Cleaning, Visualization, Modeling, Interpretation}, Statistics, Hypothesis Testing, Git, MS Excel, VS Code, Jupyter.

Hobbies

Chess, Badminton, Painting.