

Hritik Raj Hasmukh

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EDUCATION

Indian Institute of Technology (Indian School of Mines) Dhanbad, Jharkhand

Dec 2020 – May 2024

Bachelor of Technology in Mining Machinery Engineering

6.03 OGPA

Spectrum Global Academy, Jaipur, Rajasthan

May 2019 – April 2020

12th

71.40%

S.R Public Senior Secondary School, Jaipur, Rajasthan

May 2017 – April 2018

10th

89.17%

PROJECTS

Loan Predictor System

[GitHub](#)

- Performed an in-depth Exploratory Data Analysis on Loan data to understand customer behavior and found the most effective features across 13 features such as Credit History, Balance income, etc.
- Implemented methods like missing value handling, dimensionality reduction, outlier detection, data preprocessing, and feature engineering boosted a loan default detection model's accuracy to 75%. Used Logistic Regression, Decision Trees, and Random Forest for automation.
- Tech Involved:** Python, Machine Learning, Data Analysis, Python libraries

Movie Recommender System

[GitHub](#)

- This is an ML-based project that uses cosine similarity based on content to recommend the most suitable movies to users.
- Performed data cleaning, and data visualization using Pandas and Matplotlib libraries of Python.
- Tools used:** Python, Numpy, Pandas, Cosine Similarity, NLTK, Porter-Stemmer, Scikit-learn, NLP (Natural language processing).

Dashboard For IPL Statistics

[GitHub](#)

- This dashboard for IPL (Indian Premier League) statistics signifies a visual representation or interface that provides comprehensive and real-time information about various statistical aspects of the IPL.
- It serves as a centralized platform for presenting data and insights related to matches, players, teams, and overall tournament performance.
- Tech Involved:** Power BI, Data Analysis, DAX.

Skill Summary

- Language:** Python, C++, SQL, NOSQL
- Data Analytics:** Data Analysis, Statistical Data Analysis, Demand Forecasting, EDA, Predictive Modelling Simulation, Feature Engineering, Data cleaning, Data Visualization.
- Tools:** Power BI, MS Excel, MS PowerPoint, MS WORD.
- Machine Learning:** Scikit-Learn, Logistic Regression, Decision Tree, Random Forest Algorithm.

POSITION OF RESPONSIBILITY

- Coordinator** of Boxing Club IIT (ISM) DHANBAD
- Head** of Bloodline Chapter of FFI (NGO)
- Team Head** (Parakram) Annual Sports Meet of IIT ISM Dhanbad.

Achievements

- Bagged **Gold Medal** in Student General Championship (Boxing) IIT(ISM), Dhanbad.
- Conducted a successful Blood Donation Camp, collecting over **500 units of Blood** in a single day.
- 1st Runner Up in District level Arithmetic (ABACUS) Competition (Jaipur, Rajasthan)