HARISH **B**

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EDUCATIONAL BACKGROUND

Bachelor of Technology - CSE (AI)

Aug 2020 - Present
Amrita Vishwa Vidyapeetham
CGPA - 8.98

EXPERTISE SKILLS

- Machine Learning, Deep Learning
- Data Science
- Flutter, Flask
- Web development
- Python, C++, Java, R, MATLAB

PROJECTS

MBTI - INDICATOR BASED PERSONALITY TYPE PREDICTION

Jan 2022 | **Github** | **Webapp** |

- Predicting people's personality traits based on their social media post using machine learning models with Myers-Briggs personality types.

- Logistic Regression, SVC, Naive Bayes and Random forest classifier models are used.

METABOLIC PATHWAY CLASS PREDICTION

Dec 2021 | **Github** | **Webapp** |

- Designing reaction predictors for synthesizing novel molecules.

- A Deep Learning Architecture using Graph convolutional neural Network.

MUTATION RATE CALCULATION WITH LSTM

Aug 2021 | **Github** |

- The future mutation rate of the virus is been predicted using recurrent neural network based Long Short Term Memory (LSTM) model.

SLEEP APNEA DETECTION

Mar 2021 | **Github** |

- This project proposes a robust method for detecting sleep apnea and keeping track of the region of interest by using OpenCV's object tracking algorithm.

CERTIFICATIONS

Coursera

- Machine Learning by Stanford University
- Python by University of Michigan
- Web development
- UI/UX Design by Google
- Python, C++, Java, MATLAB