

Vedant Ayare

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EDUCATION

NMIMS (MUMBAI)

Bachelor's in Technology with a major in Data Science -C.G.P.A 3.51

Mumbai, India

Graduation Date: Jun 2025

SVKM'S Mithibai College

Class XII (HSC) -87%

Mumbai, India

Graduation Date: Jun 2021

WORK EXPERIENCE

University of Auckland

Microinternship

Remote

Jul 2023 - Aug 2023

- Conducted a literature review on geoparsing, with in-depth research in state-of-the-art methods of location entity recognition and extraction to find suitable solutions to be incorporated into the current model and suggest other promising alternatives to complement it.

Dr RN Cooper Hospital

Volunteer at Radiology Lab

Mumbai, India

May 2022 - Jun 2022

- Created X-rays and Sonography reports of patients, Handled X-rays and Documented Pregnancy reports

PROJECT EXPERIENCE

Machine learning

Parkinson's Prediction Model

- Implemented a cutting-edge Parkinson Prediction Logistic Regression Model, incorporating advanced techniques such as ElasticNet regularization and RandomSampler sampling, resulting in a remarkable accuracy rate of 0.79. The model's performance was assessed using the classification report and Scikit-learn.

Analytics

Netflix and Twitter Data Analysis

- Snsrape module scraped tweets from news sources and celebrities. Utilised Pandas and NumPy to preprocess data, and the spacy library to analyze tweet sentiments, the overall outcome predicted movies to be more trending than TV shows

Covid19 Mortality Rate using Time Series Analysis

- Led a project centered on Time Series Analysis to forecast mortality rates, implementing advanced statistical models including Autoregressive (AR), Moving Average (MA), and Vector Autoregressive (VAR). Applied the Box-Jenkins methodology, utilizing ACF and PACF plots for precise model order identification.

Data Visualization

Harry Potter Dashboard

- Developed and executed data extraction, transformation, and loading (ETL) techniques using Power-BI, resulting in accurate calculation of net revenue and identification of highest blockbuster movies.

SKILLS

C++, Python with libraries like NumPy, Pandas and Matplotlib for collecting data. MS PowerPoint, Excel, Word, Machine Learning using scikit-learn, MySQL, Power-BI

CERTIFICATIONS

Supervised Machine Learning: Regression and Classification