

## AI Assignment 2

### **Build an ANN model for Drug classification.**

This project aims to analyze the relationship between various medical parameters and drug effectiveness. The dataset consists of patient information, including age, sex, blood pressure levels (BP), cholesterol levels, sodium-to-potassium ratio (Na\_to\_K), drug type, and corresponding labels. The goal is to develop a model that can accurately predict the class or category of a given drug based on its features.

Dataset Link: <https://www.kaggle.com/datasets/prathamtripathi/drug-classification>

Task 1: Read the dataset and do data pre-processing

Task 2: Build the ANN model with (input layer, min 3 hidden layers & output layer)

Task 3: Test the model with random data