Project 4 Proposal Machine Leaning: Stroke Prediction

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Dataset:

<https://www.kaggle.com/datasets/fedesoriano/stroke-prediction-dataset/data>

Topic Description:

Our project will be using machine learning to predict possible stroke victims from the data collected from patients. Our data set contains info on a patients Gender, age, heart diseases, living arrangement, glucose level, bmi, and if they have had a previous stroke.

Tasks:

* Clean and organize datasets
* Create bins for predictions
* Create train and test splits
* Create a model using RandomOverSampler
* Create multiple model to test according and bin type
* Record optimization trial conditions, accuracy ratings
* Calculate final accuracy