Project 4 Group 5

The goal of the project is to use machine learning to correctly predict if a patient is going to show up to their appointment or not.

Source for the data is <https://www.kaggle.com/datasets/joniarroba/noshowappointments?select=KaggleV2-May-2016.csv> (Renamed no\_show\_data.csv and placed in the Resources file)

Goal One

As a group make a model from all the data except the PatientId, AppointmentID, ScheduledDay, AppointmentDay, and Neighbourhood that correctly predicts the outcome of whether a patient shows up to an appointment or not.

Goal Two

See if any of the individual issues is a good single-issue predictor of a no-show appointment and create visualizations to show the results. Create models without the single-issue to see how it changes the accuracy of the model from goal one.

Assign Predictor (Gender, Age, Scholarship, Hypertension, Diabetes, Alcoholism, Handicap, and SMS\_received). Look into if we can do it by day of the week?

Trevor- Gender and Age

Scott- Scholarship and Hypertension

Nick- Diabetes and Alcoholism

Cam- Handicap and SMS\_received (maybe day of the week).