This dataset is originally from the National Institute of Diabetes and Digestive and Kidney Diseases. The objective is to predict based on diagnostic measurements whether a patient has diabetes.

Several constraints were placed on the selection of these instances from a larger database. In particular, all patients here are females at least 21 years old of Pima Indian heritage.

Pregnancies: Number of times pregnant  
Glucose: Plasma glucose concentration a 2 hours in an oral glucose tolerance test  
BloodPressure: Diastolic blood pressure (mm Hg)  
SkinThickness: Triceps skin fold thickness (mm)  
Insulin: 2-Hour serum insulin (mu U/ml)  
BMI: Body mass index (weight in kg/(height in m)^2)  
DiabetesPedigreeFunction: Diabetes pedigree function  
Age: Age (years)  
Outcome: Class variable (0 or 1)