<dataset1>PatientID,Age,Gender,BloodType,BMI,SystolicBP,DiastolicBP,Cholesterol,GlucoseLevel,DiabetesType,Hypertension,SmokingStatus,AlcoholConsumption,HeartRate,Temperature,RespiratoryRate,OxygenSaturation,WBC,RBC,Hemoglobin,Hematocrit,Platelets,Sodium,Potassium,Creatinine,BUN,ALT,AST,Bilirubin,Albumin,INR,PT,PTT,FBS,HbA1c,Troponin,FamilyHistoryHeartDisease,MedicationAdherence,ChestPainType,ECGResults

1,45,Male,O+,28.5,120,80,200,95,None,No,Never,Moderate,72,98.6,16,98,6.5,4.5,14,42,250,140,4.0,0.9,15,25,30,1.0,4.5,1.1,12,25,90,5.8,0.01,Yes,Good,Typical,Normal

2,67,Female,A-,32.1,145,92,240,210,Type2,Yes,Former,None,88,97.8,18,96,8.2,4.2,13,39,180,138,3.8,1.2,22,40,55,1.5,3.8,1.3,14,28,145,8.2,0.15,No,Poor,Atypical,STAbnormality

3,29,Non-Binary,B+,22.0,110,70,180,85,None,No,Current,Heavy,65,99.1,14,99,5.1,5.0,15,45,300,142,4.2,0.8,12,20,28,0.8,4.2,1.0,11,23,88,5.5,0.00,Yes,Good,NonAnginal,Normal

4,53,Male,AB+,29.8,135,85,220,140,Type1,Yes,Former,Moderate,76,98.4,17,97,7.8,4.8,16,48,220,136,4.1,1.1,18,35,42,1.2,4.0,1.4,13,30,130,7.1,0.03,No,Poor,Asymptomatic,LVHypertrophy

5,38,Female,O-,24.7,118,78,190,100,None,No,Never,Moderate,70,98.9,15,98,6.0,4.6,14,43,210,139,4.3,0.7,14,22,33,0.9,4.3,1.0,12,24,95,5.9,0.01,No,Good,Typical,Normal

6,61,Male,B-,31.5,150,95,260,180,Type2,Yes,Current,Heavy,92,97.5,20,94,11.0,4.0,12,36,150,135,5.0,1.5,25,60,80,2.0,3.5,1.6,16,35,160,9.0,0.25,Yes,Poor,Atypical,STAbnormality

7,42,Female,A+,27.3,128,82,210,115,None,No,Never,None,68,98.7,16,97,5.5,4.7,14,41,240,141,4.0,0.9,16,28,38,1.1,4.4,1.2,12,26,105,6.0,0.02,No,Good,NonAnginal,Normal

8,56,Female,AB-,33.0,142,88,230,160,Type2,Yes,Former,Moderate,80,98.2,19,95,9.5,4.3,13,40,190,137,4.5,1.3,20,45,50,1.4,3.9,1.5,15,32,150,7.8,0.10,Yes,Poor,Asymptomatic,LVHypertrophy

9,34,Male,O+,23.9,115,75,175,90,None,No,Never,None,63,99.0,14,99,4.8,4.9,15,44,270,143,4.1,0.8,13,18,25,0.7,4.6,1.0,10,22,85,5.3,0.00,No,Good,Typical,Normal

10,49,Female,B+,30.2,140,90,245,155,Type2,Yes,Current,Moderate,85,97.9,18,96,10.2,4.1,12,38,170,134,4.8,1.4,24,55,70,1.8,3.7,1.7,17,34,155,8.5,0.18,Yes,Poor,Atypical,STAbnormality

Categorical Fields Included:

Gender: Male, Female, Non-Binary

BloodType: A+, A-, B+, B-, AB+, AB-, O+, O-

DiabetesType: None, Type1, Type2

Hypertension: Yes/No

SmokingStatus: Never, Former, Current

AlcoholConsumption: None, Moderate, Heavy

FamilyHistoryHeartDisease: Yes/No

MedicationAdherence: Good/Poor

ChestPainType: Typical, Atypical, NonAnginal, Asymptomatic

ECGResults: Normal, STAbnormality, LVHypertrophy</dataset1>

<dataset2>SubjectIdentifier,ParticipantAge,Sex,ABOGroup,BodyMassIndex,SysBP,DiaBP,LipidPanel,BloodSugar,DM\_Status,HTN\_Flag,NicotineUse,ETOH\_Use,Pulse,BodyTemp,RespRate,SpO2,LeukocyteCount,ErythrocyteCount,Hgb,Hct,ThrombocyteCount,Na,K,SCr,BUN,AlanineTransaminase,AspartateTransaminase,TotalBilirubin,SerumAlbumin,CoagulationINR,ProthrombinTime,aPTT,FastingGlucose,GlycatedHb,CardiacEnzyme,FamilyHx\_CVD,MedCompliance,PainCategory,EKG\_Interpretation

P001,47,Male,O+,27.8,122,82,195,92,No\_DM,No,NonSmoker,Social,71,98.5,15,97,6.2,4.6,14.1,42.5,255,141,4.1,0.88,14,24,29,0.95,4.4,1.05,11.5,24,89,5.7,0.02,Y,High,Anginal,Unremarkable

P002,65,Female,A-,31.9,144,93,238,208,T2DM,Y,PriorSmoker,Abstain,86,97.7,17,95,8.1,4.3,12.9,38.8,178,137,3.9,1.15,21,38,53,1.42,3.7,1.25,13.8,27,142,8.1,0.14,N,Low,NonAnginal,STE\_Abnormal

P003,31,Other,B+,21.8,112,72,176,83,No\_DM,N,ActiveSmoker,Heavy,64,99.0,13,98,5.0,5.1,14.8,44.7,295,144,4.3,0.82,11,19,27,0.77,4.1,0.98,10.8,22,86,5.4,0.00,Y,High,NonCardiac,WithinNL

P004,55,Male,AB+,28.9,134,84,218,138,T1DM,Y,PriorSmoker,Social,75,98.3,16,96,7.7,4.7,15.6,47.2,218,138,4.0,1.08,17,34,40,1.15,3.9,1.38,12.9,29,128,7.0,0.04,N,Low,Asymptomatic,LVH\_Pattern

P005,36,Female,O-,23.9,117,77,187,98,No\_DM,N,NonSmoker,Social,69,98.8,14,97,5.9,4.5,13.9,42.8,208,140,4.2,0.72,13,21,32,0.88,4.2,0.97,11.2,23,93,5.8,0.01,N,High,Anginal,Unremarkable

P006,59,Male,B-,30.8,149,94,258,177,T2DM,Y,ActiveSmoker,Heavy,90,97.4,19,93,10.8,4.1,11.8,35.9,148,136,4.9,1.43,24,58,78,1.95,3.4,1.55,15.5,34,158,8.9,0.23,Y,Low,NonAnginal,STE\_Abnormal

P007,44,Female,A+,26.7,127,81,207,112,No\_DM,N,NonSmoker,Abstain,67,98.6,15,96,5.4,4.8,14.2,40.9,238,142,3.8,0.91,15,27,37,1.08,4.3,1.18,11.7,25,103,5.9,0.03,N,High,NonCardiac,WithinNL

P008,58,Female,AB-,32.7,141,87,227,158,T2DM,Y,PriorSmoker,Social,79,98.1,18,94,9.3,4.4,12.7,39.5,188,139,4.4,1.28,19,43,48,1.35,3.8,1.47,14.7,31,147,7.7,0.09,Y,Low,Asymptomatic,LVH\_Pattern

P009,33,Male,O+,22.8,114,74,172,88,No\_DM,N,NonSmoker,Abstain,62,98.9,13,98,4.7,5.0,14.7,43.9,268,145,4.2,0.79,12,17,24,0.68,4.5,0.99,10.2,21,83,5.2,0.00,N,High,Anginal,WithinNL

P010,51,Female,B+,29.7,139,89,242,153,T2DM,Y,ActiveSmoker,Social,84,97.8,17,95,10.0,4.2,11.9,37.6,168,135,4.7,1.37,23,54,68,1.75,3.6,1.63,16.4,33,152,8.4,0.17,Y,Low,NonAnginal,STE\_Abnormal

Categorical Fields in Modified Dataset

Sex: Male, Female, Other

ABOGroup: A+, A-, B+, B-, AB+, AB-, O+, O-

DM\_Status: No\_DM, T1DM, T2DM

HTN\_Flag: Y, N

NicotineUse: NonSmoker, PriorSmoker, ActiveSmoker

ETOH\_Use: Abstain, Social, Heavy

FamilyHx\_CVD: Y, N

MedCompliance: High, Low

PainCategory: Anginal, NonAnginal, NonCardiac, Asymptomatic

EKG\_Interpretation: WithinNL, STE\_Abnormal, LVH\_Pattern</dataset2>