

Heart Disease Prediction Dashboard

Dataset Preview

	age	gender	chest_pain	resting_BP	serum_cholesterol	fasting_blood_sugar	resting_ecg	max_
0	63	1	1	145	233	1	2	
1	67	1	4	160	286	0	2	
2	67	1	4	120	229	0	2	
3	37	1	3	130	250	0	0	
4	41	0	2	130	204	0	2	

Choose a model

Gradient Boosting



Gradient Boosting Performance

Accuracy: 0.66

Classification Report

precision recall f1-score support

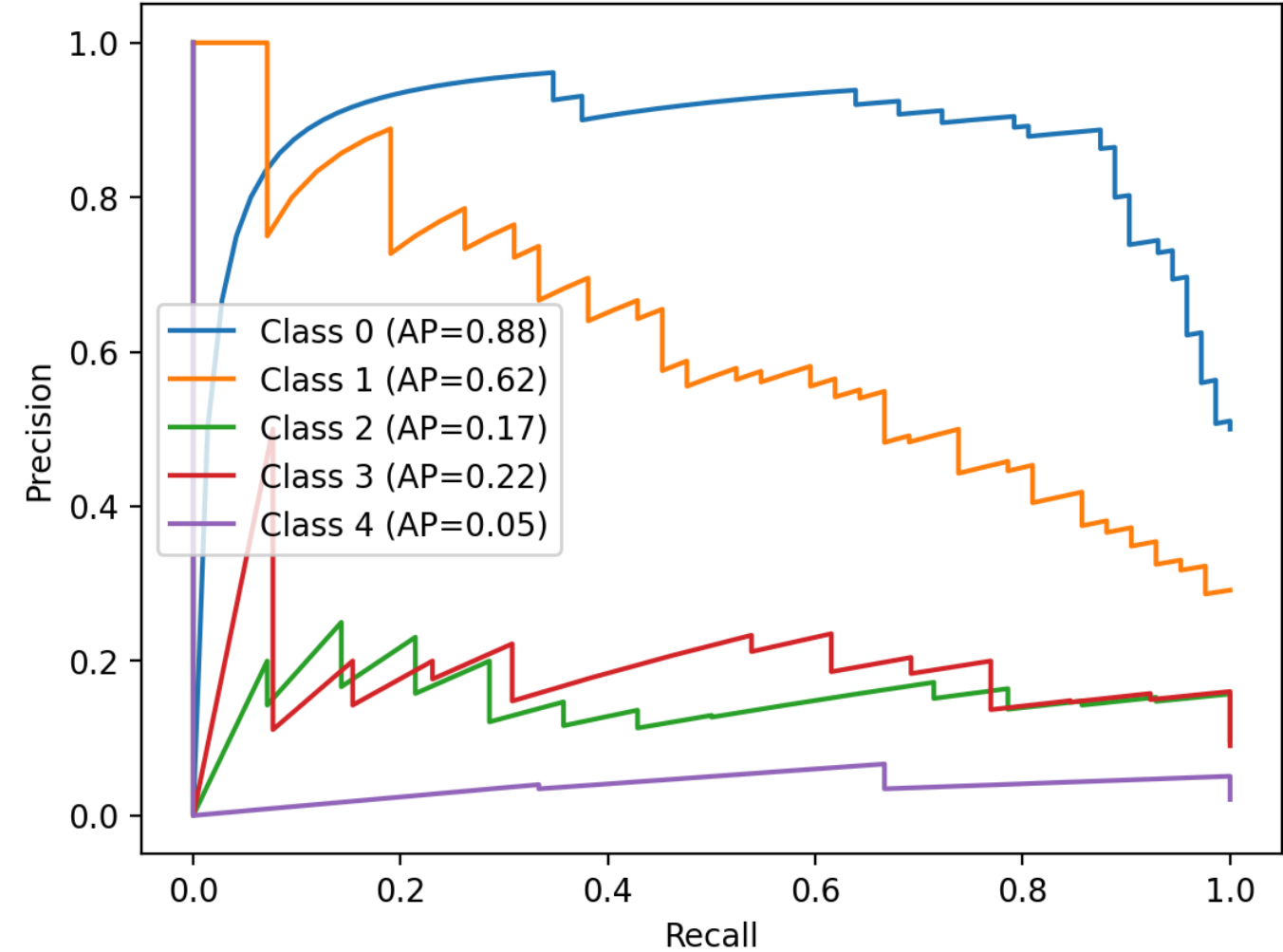
0	0.85	0.88	0.86	72
1	0.52	0.67	0.58	42
2	0.29	0.14	0.19	14
3	0.22	0.15	0.18	13
4	0.00	0.00	0.00	3

accuracy		0.66	144	
macro avg	0.38	0.37	0.36	144
weighted avg	0.62	0.66	0.64	144

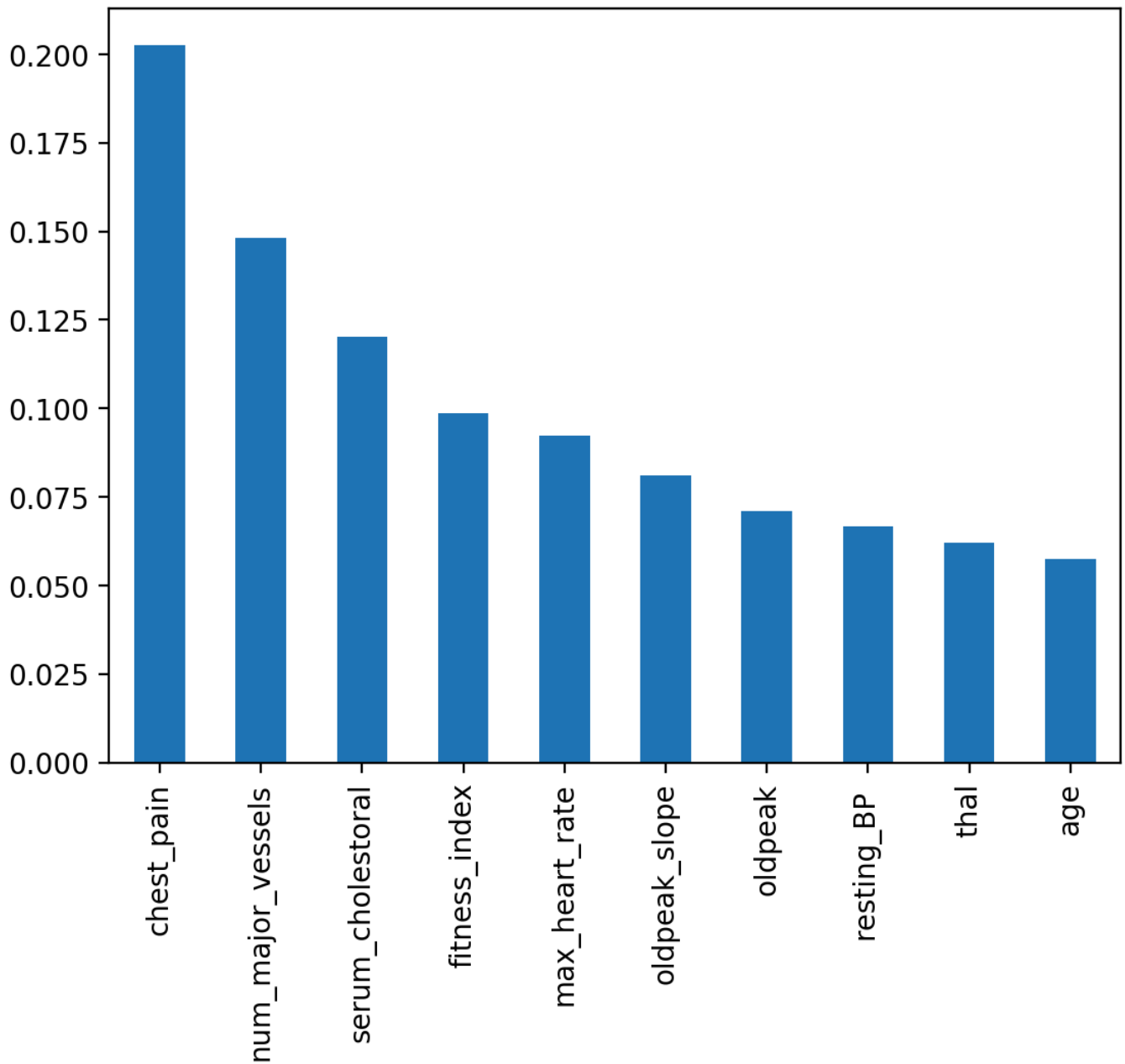
Confusion Matrix

	Pred Class 0	Pred Class 1	Pred Class 2	Pred Class 3	Pred Class 4
Actual Class 0	63	8	1	0	0
Actual Class 1	11	28	2	1	0
Actual Class 2	0	8	2	4	0
Actual Class 3	0	9	2	2	0
Actual Class 4	0	1	0	2	0

Multiclass Precision-Recall Curves



Feature Importances



Permutation Importances

