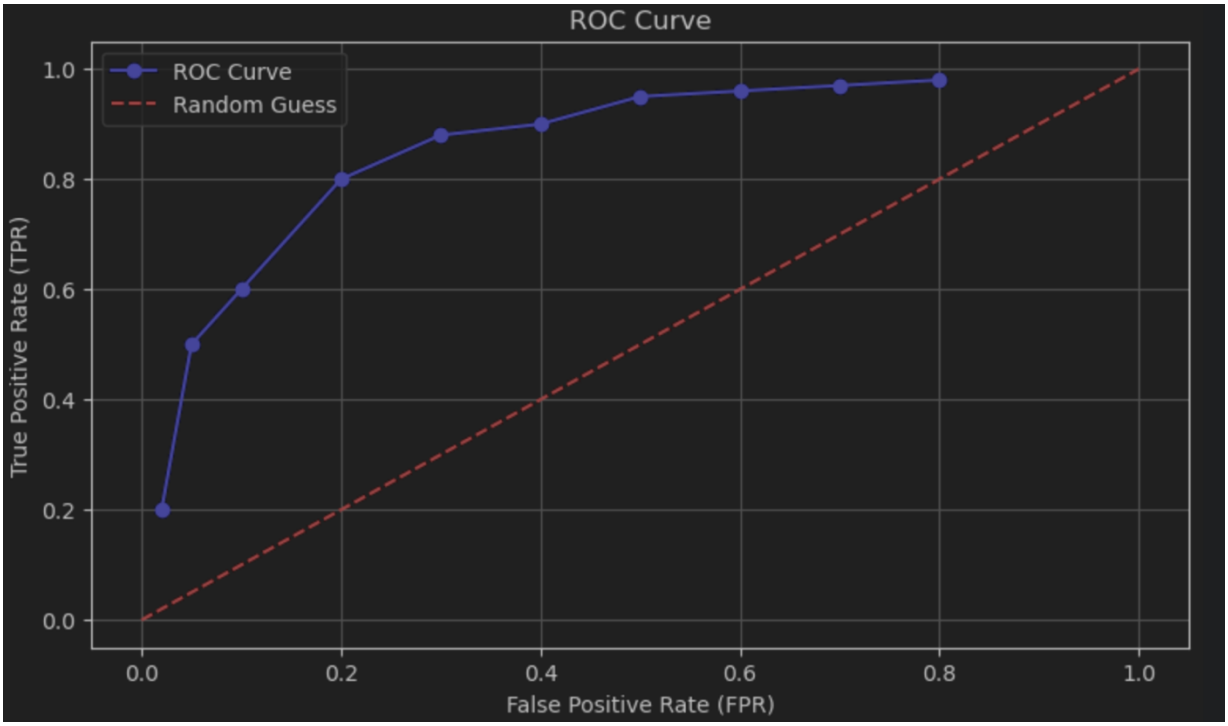
Lucas Sipos

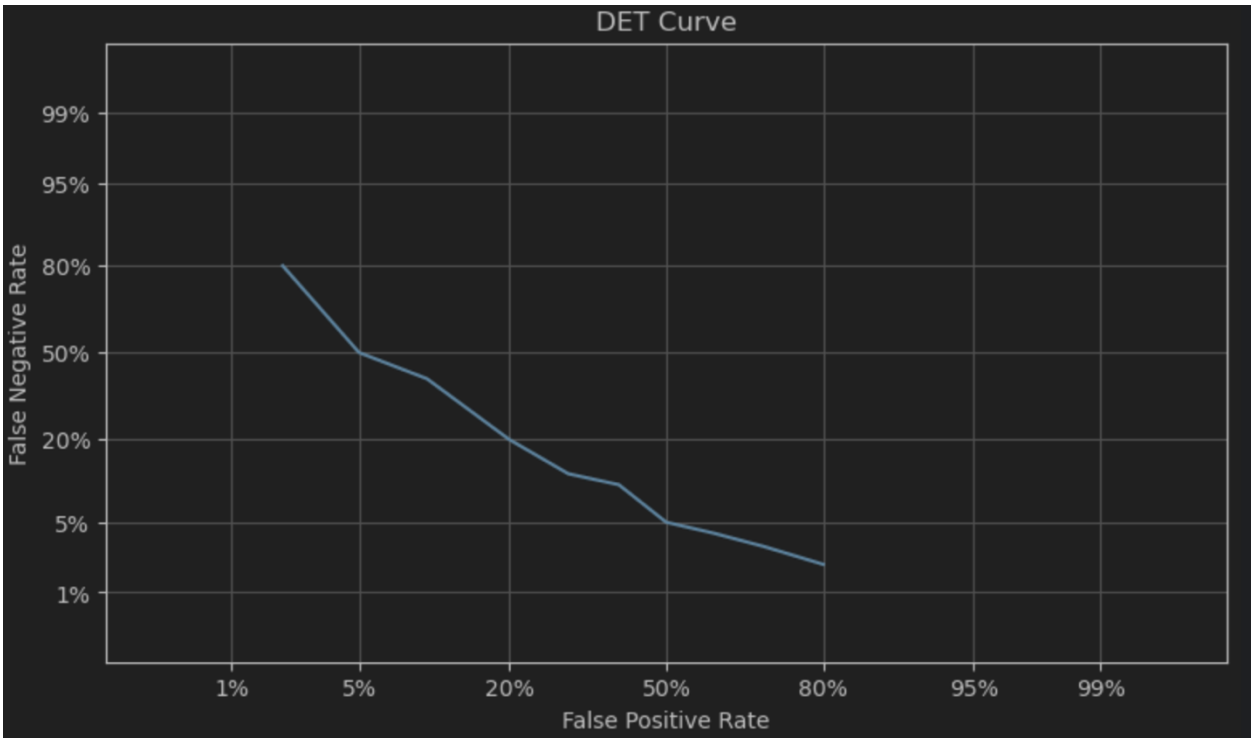
Problem 1:

	Threshold	TP	FN	FP	TN	Precision	Recall	F1 Score
	Missing 0 Count 10	Missing 0 Count 10	Missing 0 Count 10	Missing 0 Count 10	Missing 0 Count 10	Missing 0 Count 10	Missing 0 Count 10	Missing 0 Count 10
	1 5020	982	802	8020	980.6	0.90.2	1.00.3	0.8
4	20	88	12	30	70	0.745763	0.88	0.807339
3	15	80	20	20	80	0.800000	0.80	0.800000
5	25	90	10	40	60	0.692308	0.90	0.782609
6	30	95	5	50	50	0.655172	0.95	0.775510
7	35	96	4	60	40	0.615385	0.96	0.750000
8	40	97	3	70	30	0.580838	0.97	0.726592
2	10	60	40	10	90	0.857143	0.60	0.705882
9	50	98	2	80	20	0.550562	0.98	0.705036
1	5	50	50	5	95	0.909091	0.50	0.645161
0	1	20	80	2	98	0.909091	0.20	0.327869

According to the F1 Score the data with the Threshold = 20 is the best (the table is sorted by F1 Score).

Problem 2:



Lucas Sipos

Problem 3: