

1	"C:\Users\Mervan\Documents\Onedrive\DD2421\Lab 1\dectrees\python\venv\Scripts\python.exe" "C:/Users/Mervan/Documents/Onedrive/DD2421/Lab 1/dectrees/python/lab1.py"									
2	Assignment 1									
3	Dataset Entropy									
4	MONK-1 1.0									
5	MONK-1 0.957117428264771									
6	MONK-1 0.9998061328047111									
7										
8	Assignment 3									
9	Dataset a1 a2 a3 a4 a5 a6									
10	MONK-1	0.07527255560831925	0.005838429962909286	0.00470756661729721	0.02631169650768228	0.28703074971578435	0.0007578557158638421			
11	MONK-2	0.0037561773775118823	0.0024584986660830532	0.0010561477158920196	0.015664247292643818	0.01727717693791797	0.006247622236881467			
12	MONK-3	0.007120868396071844	0.29373617350838865	0.0008311140445336207	0.002891817288654397	0.25591172461972755	0.007077026074097326			
13										
14	Assignment 5									
15	E_train		E_test							
16	MONK-1	1.0	0.8287037037037037							
17	MONK-2	1.0	0.6921296296296297							
18	MONK-3	1.0	0.9444444444444444							
19	Fraction	Mean error (n = 10000)		Standard deviation						
20	-----	-----	-----	-----	-----					
21	0.3	0.229		0.04						
22	0.4	0.203		0.041						
23	0.5	0.179		0.0423333						
24	0.6	0.162		0.04325						
25	0.7	0.149		0.0442						
26	0.8	0.141		0.0448333						
27										
28	Fraction	Mean error Non-Pruned (n = 10000)		Standard deviation						
29	-----	-----	-----	-----	-----					
30	0.3	0.265		0.067						
31	0.4	0.234		0.0705						
32	0.5	0.206		0.073						
33	0.6	0.187		0.075						
34	0.7	0.173		0.0772						
35	0.8	0.169		0.0796667						
36										
37	Fraction	Mean error (n = 10000)		Standard deviation						
38	-----	-----	-----	-----	-----					
39	0.3	0.085		0.056						
40	0.4	0.061		0.0495						
41	0.5	0.048		0.0446667						
42	0.6	0.042		0.04125						
43	0.7	0.043		0.039						
44	0.8	0.049		0.0376667						
45										
46	Fraction	Mean error Non-Pruned (n = 10000)		Standard deviation						
47	-----	-----	-----	-----	-----					
48	0.3	0.152		0.062						
49	0.4	0.133		0.0545						

50	0.5	0.125	0.05
51	0.6	0.121	0.04825
52	0.7	0.116	0.048
53	0.8	0.114	0.0495
54			
55			
56	Process finished with exit code 0		
57			