sectifical and and

(Decision Thee - Using one-hot encoding of categorical features)

ex)	Ear shape (261)	Face shape (24)	Whiskers (23)	(y)	
0	Pointy	Round	Present	1	
2	Oval	Not round	Present	1	
3	Floppy	Not round	Absent		
				:	

I one-hot encoding

	Pointy ears	Floppy ears	ovalears	Face shape	Whiskers	cat
0	1	0	0	Round	Present	1
②		0	1	Not round	Present	1
3	0	1	6	Not round	Absent	0
•						

^{*} One - hot encoding

: If a categorical feature can take on k values, create k binary features (o or I valued)