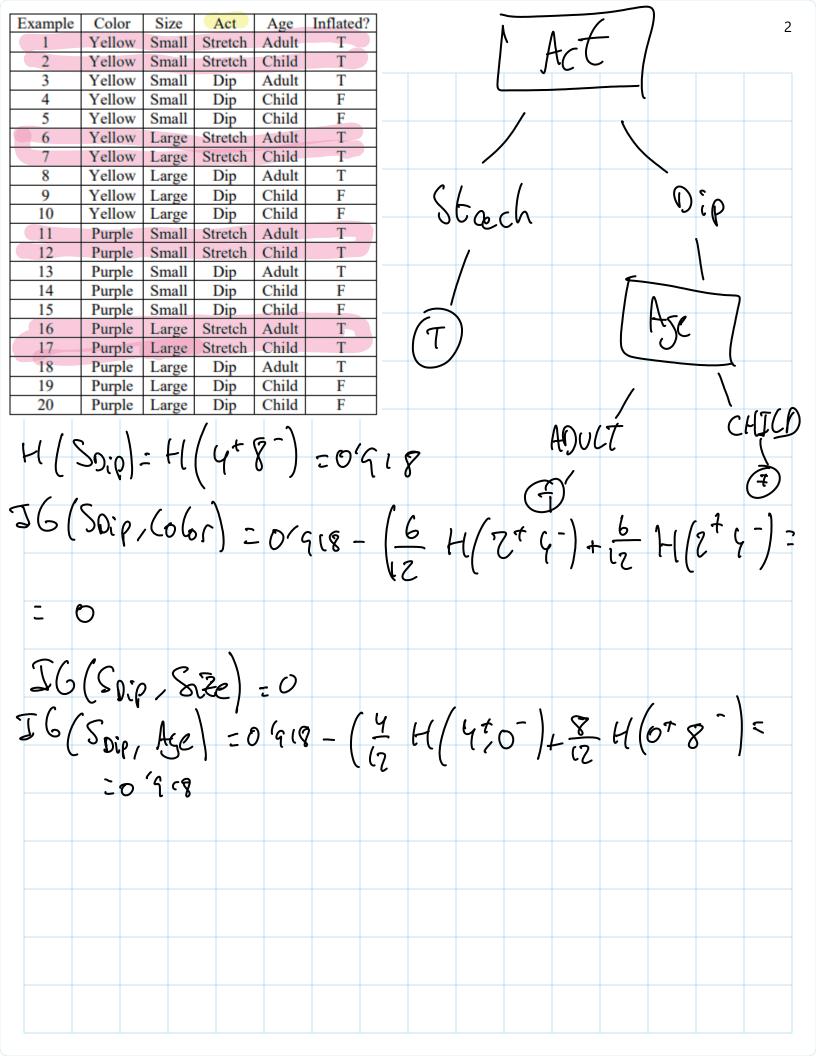
1

Según los datos de entrenamiento facilitados en la tabla, usar el algoritmo ID3 para obtener un árbol de decisión.

¿Cuál es la clase que se puede predecir para la muestra de prueba (Purple, Large, Dip, Child)?

<i></i>										10	,	, _	
Example	Color	Size	Act	Age	Inflated?	1 – <i>U i</i>		١٠		17		17	+ 630
1	Yellow	Small	Stretch	Adult	T] [[[XII.	X27	0 =			7.70	1/2 976
2	Yellow	Small	Stretch	Child	T		Ţ ,	-	,	60	<u> </u>		
3	Yellow	Small	Dip	Adult	T								
4	Yellow	Small	Dip	Child	F								
5	Yellow	Small	Dip	Child	F		0	1 -					
6	Yellow	Large	Stretch	Adult	T		+0	197	21				
7	Yellow	Large	Stretch	Child	T			1	′				
8	Yellow	Large	Dip	Adult	T		<i>c i</i>			. 1	ı		
9	Yellow	Large	Dip	Child	F	J6 09							
10	Yellow	Large	Dip	Child	F] 4/2	11 X	17 10	7/6	06/			
11	Purple	Small	Stretch	Adult	T		L1 ;		1	/			
12	Purple	Small	Stretch	Child	T		I /.		,				
13	Purple	Small	Dip	Adult	T	099	21_ []	1/14	(, ^	Ц1/	4.		
14	Purple	Small	Dip	Child	F		7 6 1	1(6	۱ ۲,	Π	4		
15	Purple	Small	Dip	Child	F			•	, ,	(0	/ [1	
16	Purple	Large	Stretch	Adult	T								
17	Purple	Large	Stretch	Child	T T	1 Gal							
18	Purple	Large	Dip	Adult		094	- () (a	21:	- ()			
19	Purple	Large	Dip	Child	F] `'`		٦,	7 L				
20	Purple	Large	Dip	Child	F								
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097		910	85	S -	0/4	1855	2 (O					
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70	711	۷ ک		7 5	069	(8)	ı (at	- \	l	7 /	· · · · · ·	z-).	
96	(\ x ₁ /		1/13	e) -	- 1+(-	-(8) -(2)	,((X\	,0)	t 2	0	Y. X		o '4 ₂



Example	Risk	History	Debt	Collateral	Inco	me								`
1	high		high	none	\$0-15						1			3
2	high		high	none	\$15-3		41	1/~	,	ما رسا) =	170		
3	mod	-	low	none	\$15-3	5K	, , (121.	/	~ 141		1.8	31	
4	high	+	low	none	\$0-15	K								
5	low	unk	low	none	over §	35K	-c /			1				
6	low unk		low	adequate	over \$35K		161	H,HO	ctor	۱ - ۱	(
7	high bad		low	none	\$0-15	K		, , ,	7) - (2 2	[^		-
8	mod bad		low	adequate	over §	35K	14	1.1	,					
9	low	good	low	none	over §	35K	(14	41.	24 1°	nol	1,5	/ h	m	01
10	low	good	high	adequate	over §	35K	,	, (,	2 \ I	10	1+=	417	11 .7	, (
11	high good		high	none	\$0-15K over \$35K over \$35K \$0-15K over \$35K over \$35K over \$35K \$0-15K						ly	٦	/ ' / '	- /
12	mod good		high	none	\$15-35K		, 5	/		۱۵	١			
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14	high		high	none	\$15-35K		19	(<i>/</i> l	,5)	1-1	831	-0%	237
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