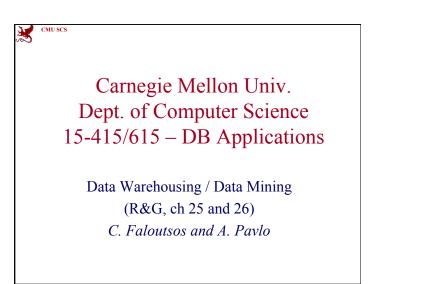
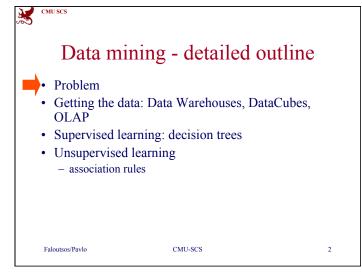
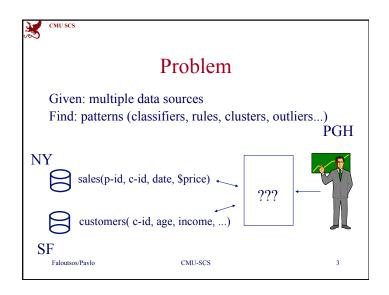
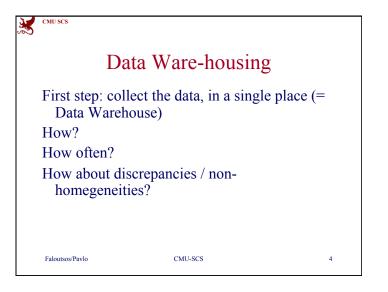
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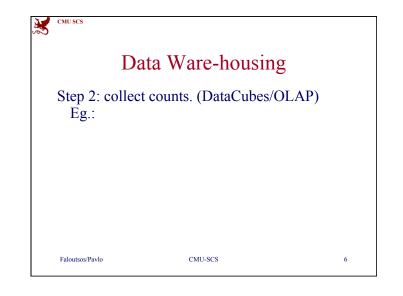


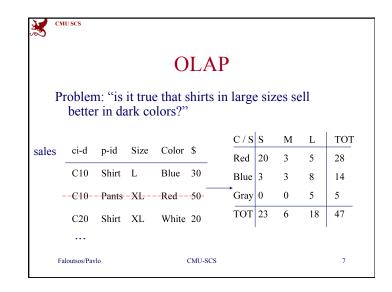


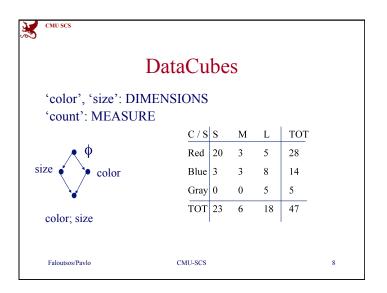


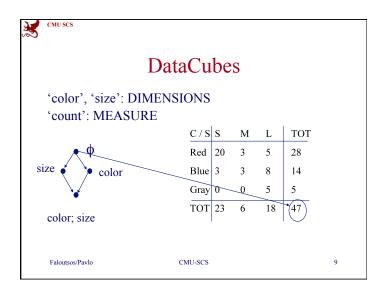


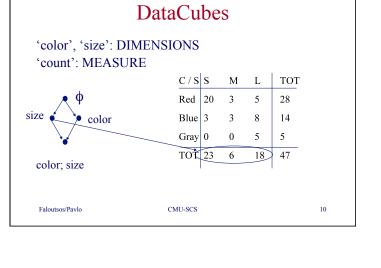






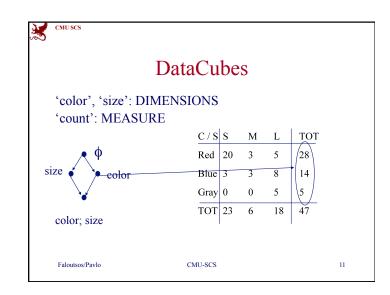


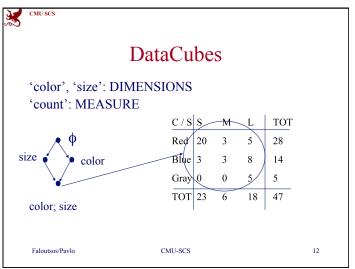


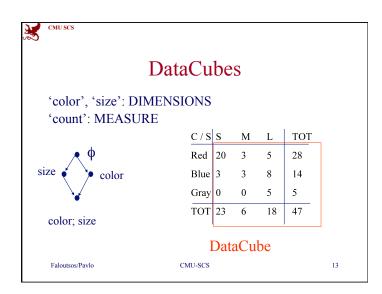


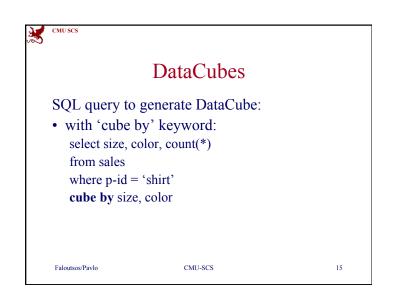
X

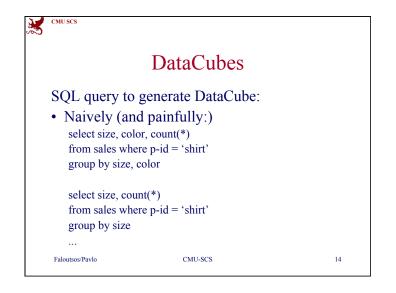
CMU SCS

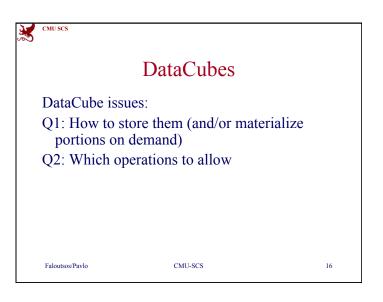


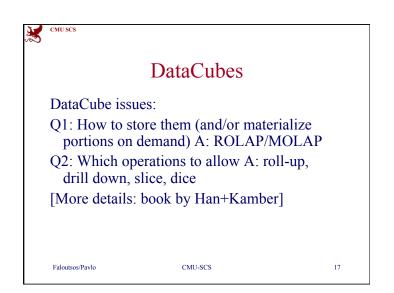


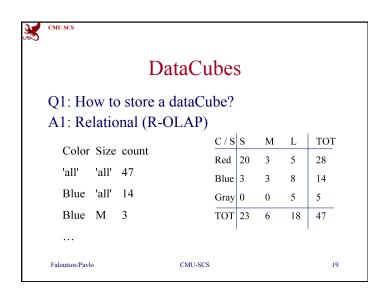


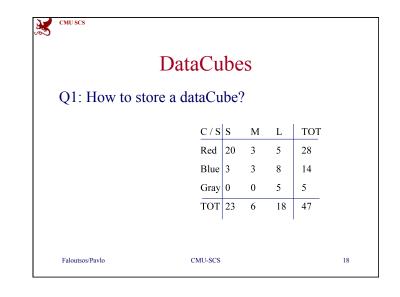




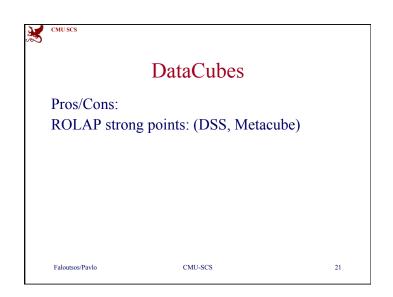


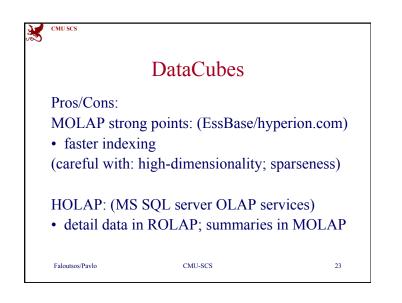


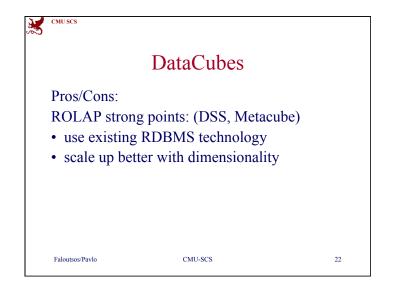


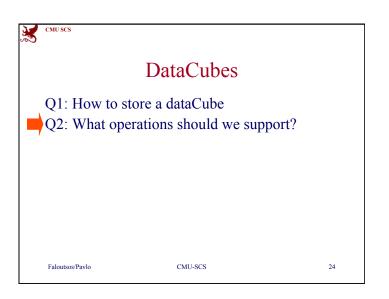


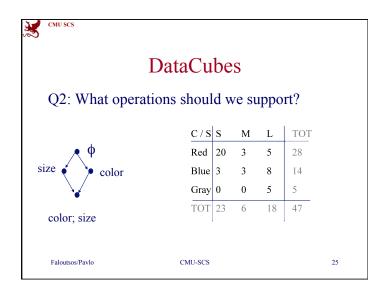
X '	MUSCS									
	DataCubes									
(Q1: How to store a dataCube?									
1	A2: Multi-dimensional (M-OLAP)									
1	A3: Hybrid (H-OLAI	P)	C / S	S	Μ	L	тот			
	•	·	Red	20	3	5	28			
			Blue	3	3	8	14			
			Gray	0	0	5	5			
			тот	23	6	18	47			
						I				
I	Faloutsos/Pavlo	CMU-SCS					20			

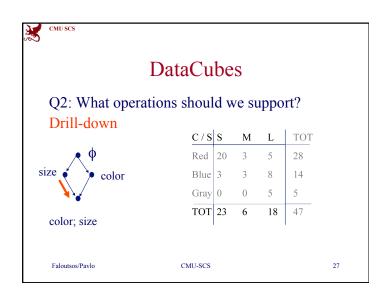


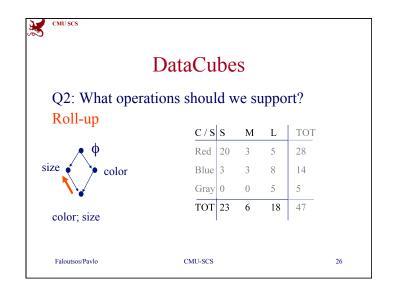


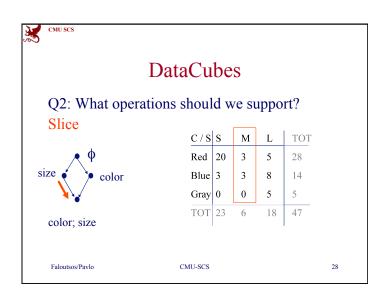


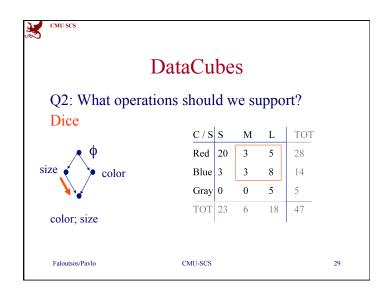


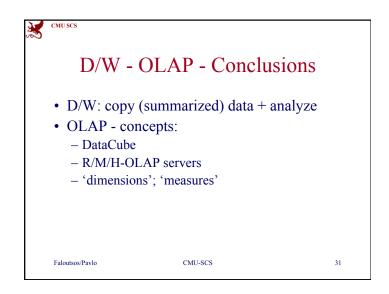


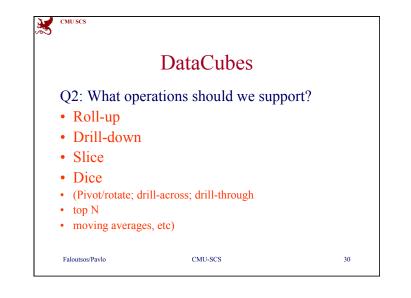


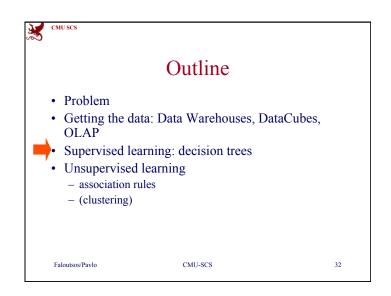


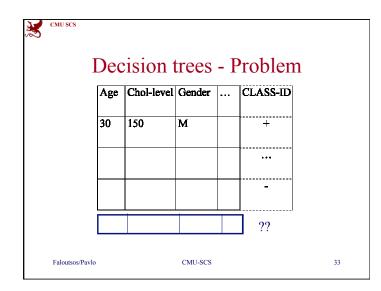


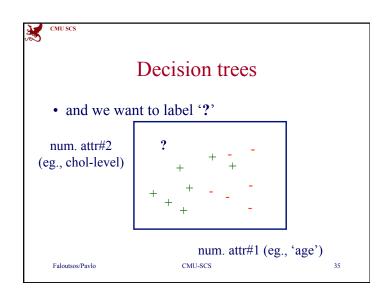


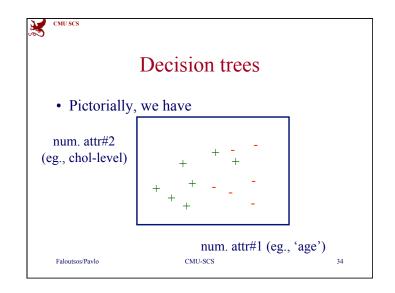


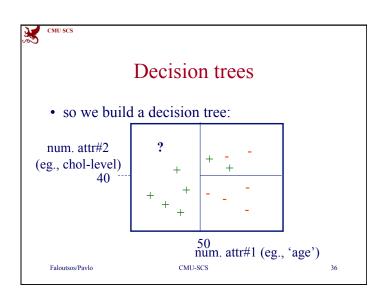


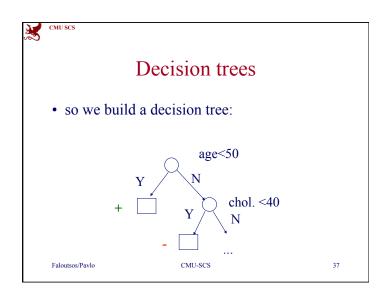


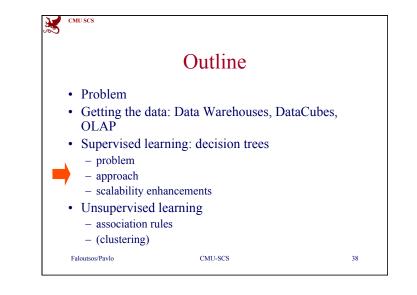


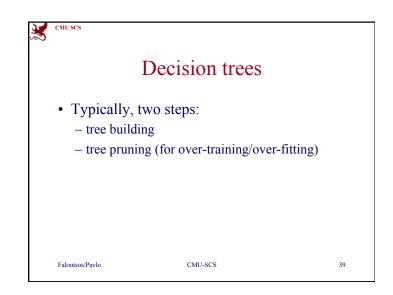


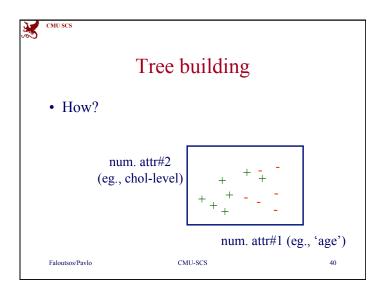


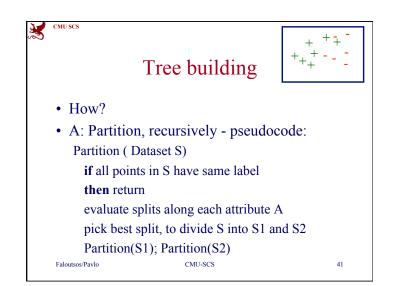


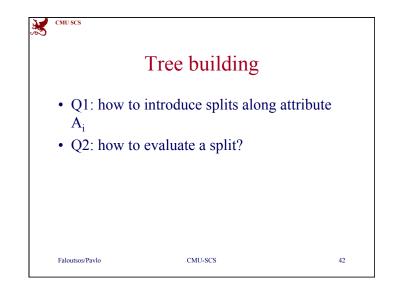


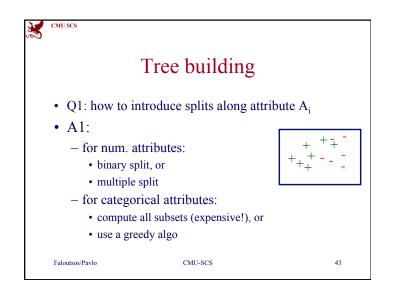


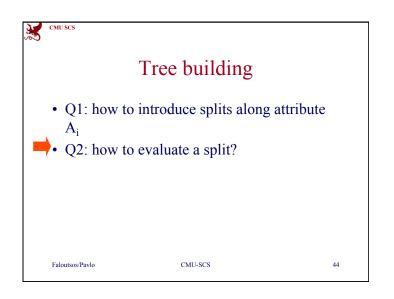


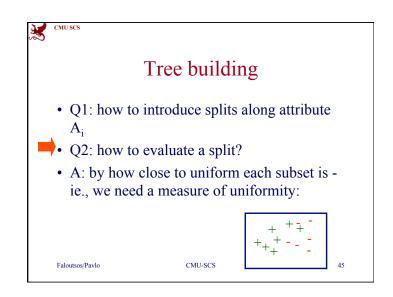


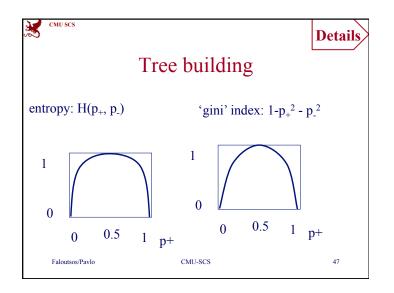


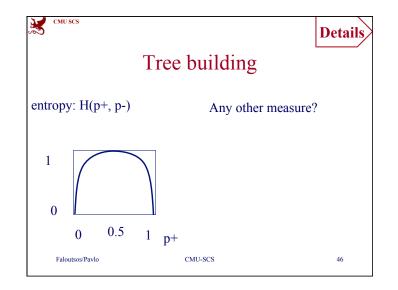




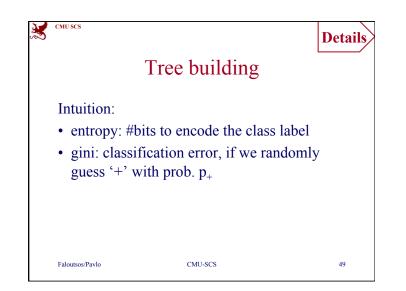


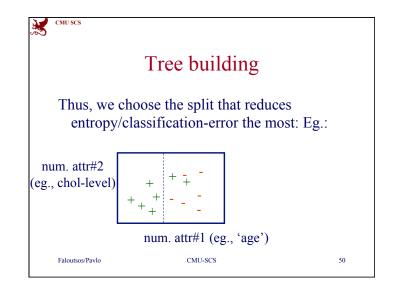


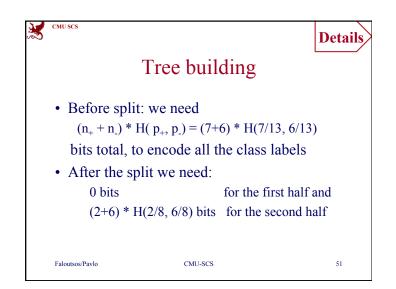


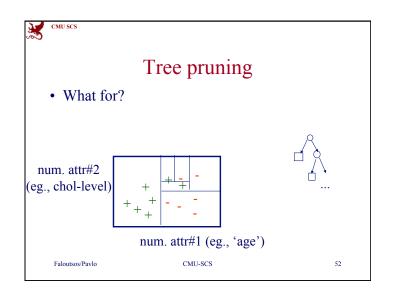


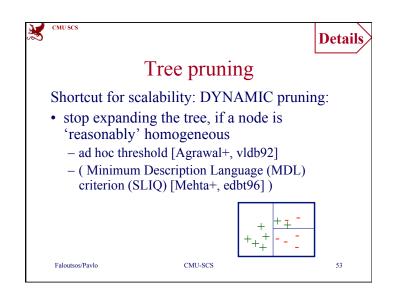
CMU SCS		Details							
Tree building									
entropy: H(p ₊ , p ₋)	ʻgini' index: 1-	$p_{+}^{2} - p_{-}^{2}$							
(How about multiple labels?)									
Faloutsos/Pavlo	CMU-SCS	48							

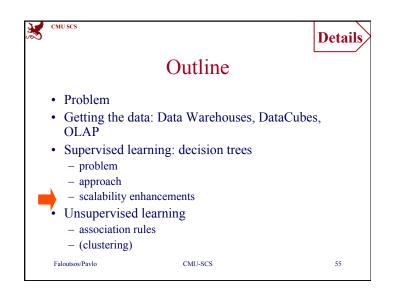


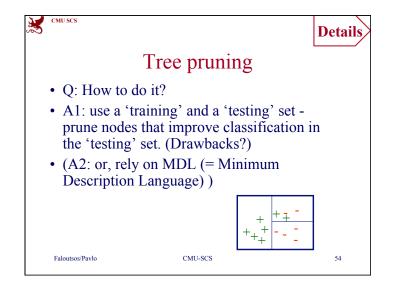


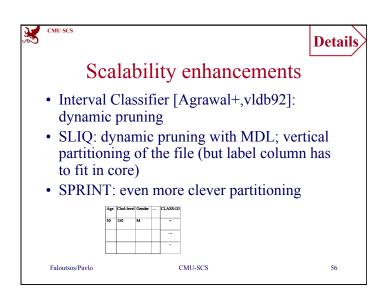


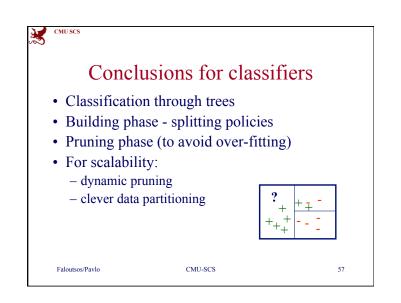


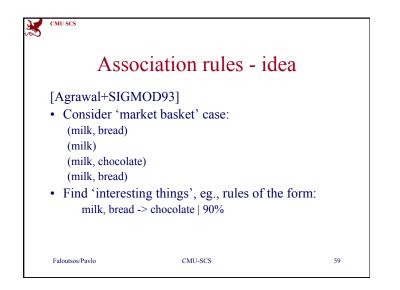


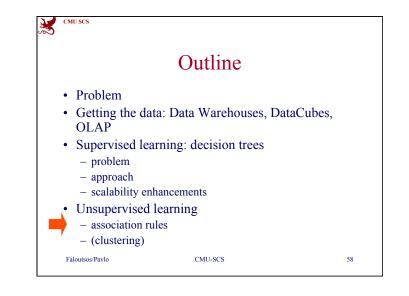












X	CMUSCS						
	Association rules - idea						
	In general, for a given rule Ij, Ik, Im -> Ix c 'c' = 'confidence' (how often people by Ix, given that they have bought Ij, Im 's' = support: how often people buy Ij, Im, Ix						
	Faloutsos/Pavlo CMU-SCS		60				

