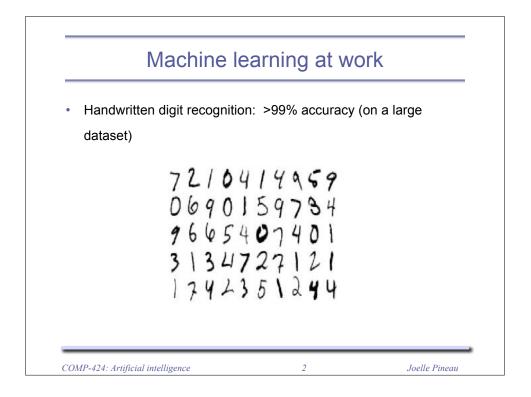
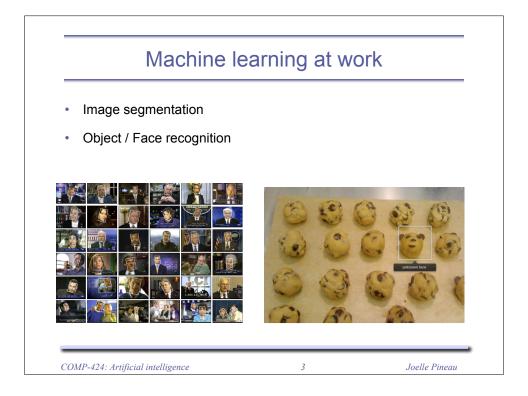
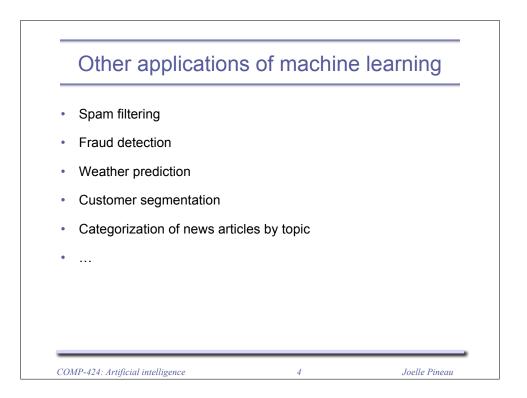


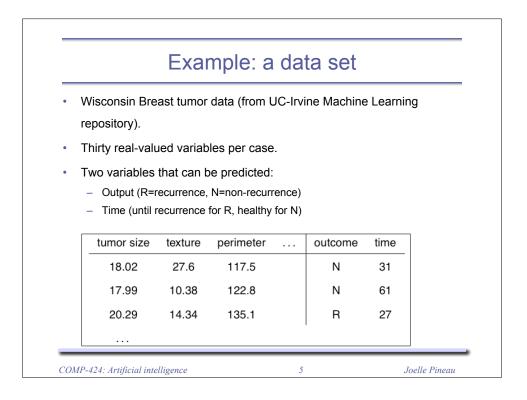
Instructor: Joelle Pineau (jpineau@cs.mcgill.ca)

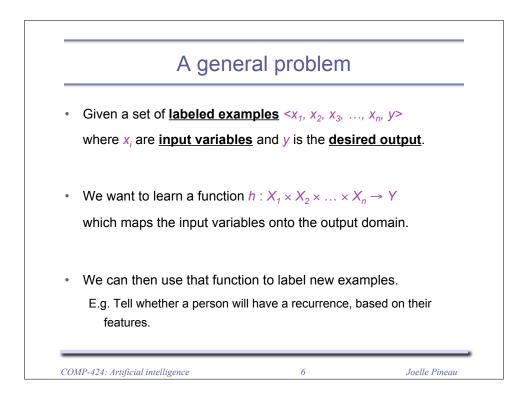
Class web page: www.cs.mcgill.ca/~jpineau/comp102

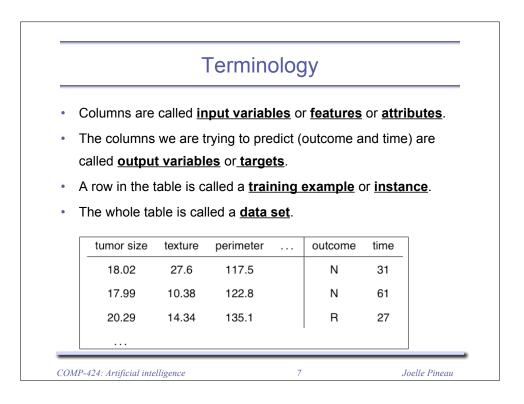


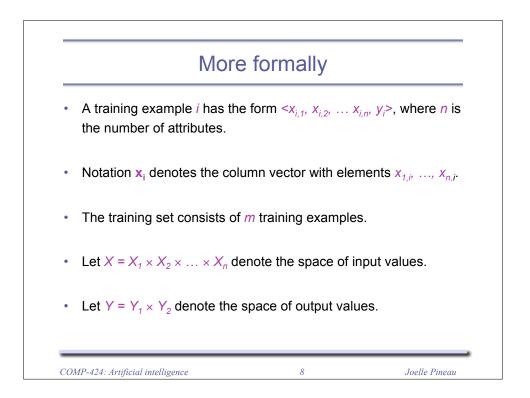


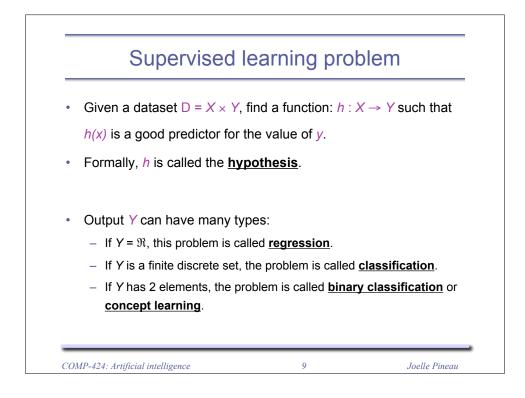




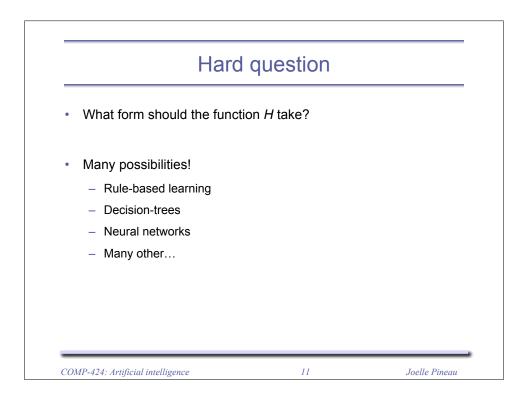


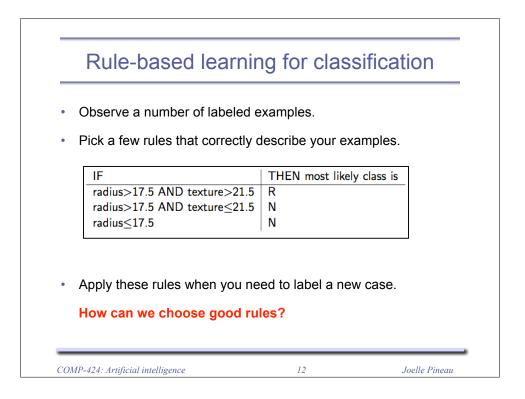


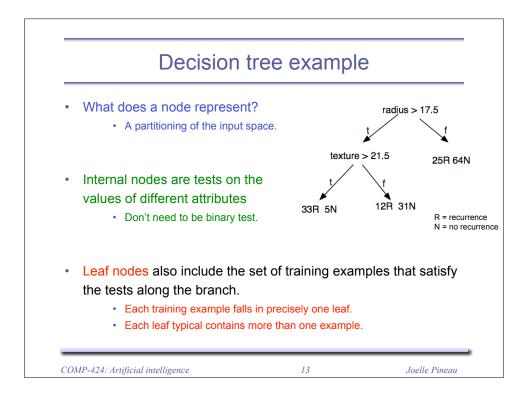


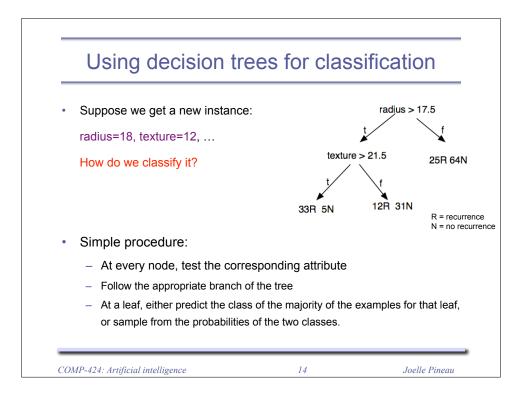


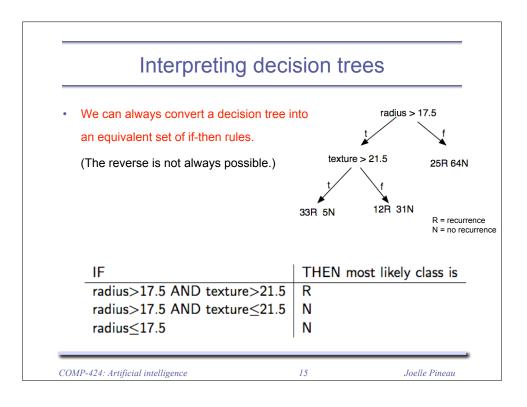
		Prec	liction pr	ob	lems		
	The problem o	f predictin	ig <u>tumour recu</u>	rrenc	<u>ce</u> is called	:	
					<u>cla</u>	assifica	<u>tion</u>
•	The problem o	f predictin	ng the <u>time of re</u>	ecurr	<u>rence</u> is ca	lled:	
					reg	gressio	<u>n</u>
•	Treat them as	two separ	rate supervised	lear	rning probl	ems.	
•	Treat them as tumor size	two separ		lear	rning probl	ems.	]
•			-				
•	tumor size	texture	perimeter .		outcome	time	
•	tumor size	texture 27.6	perimeter . 117.5		outcome N	time 31	

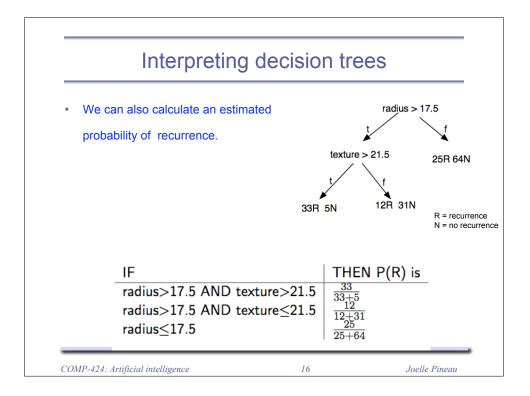


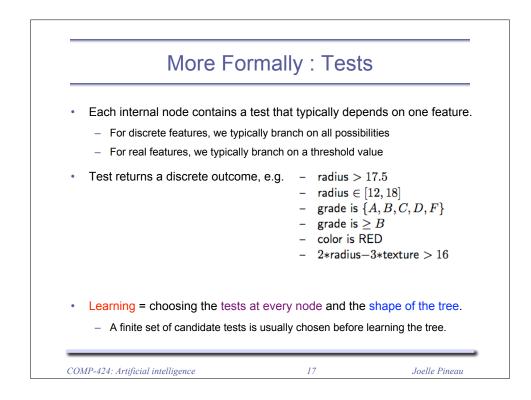


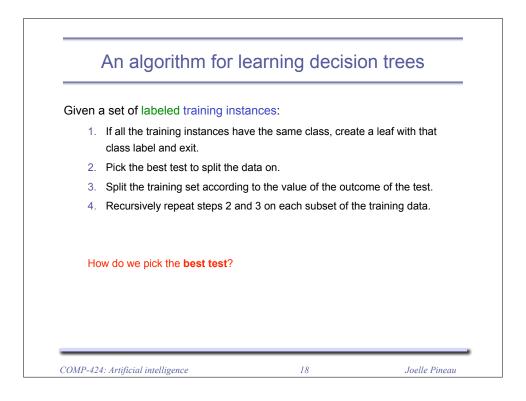


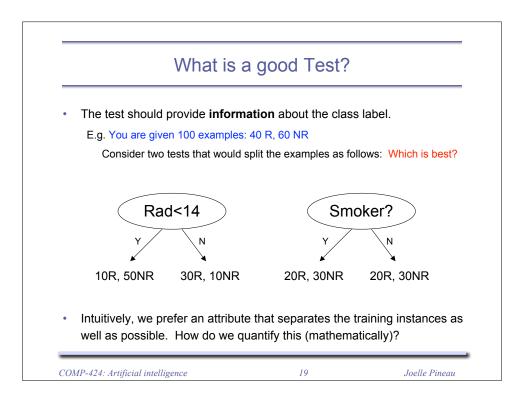


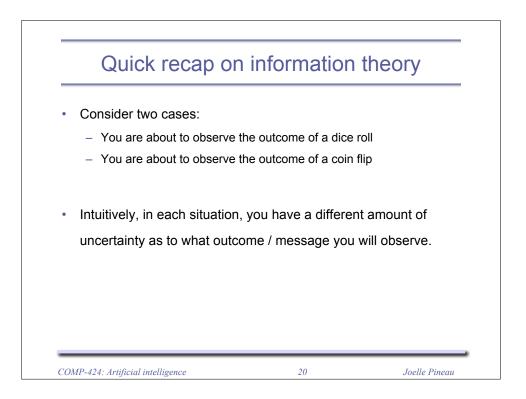


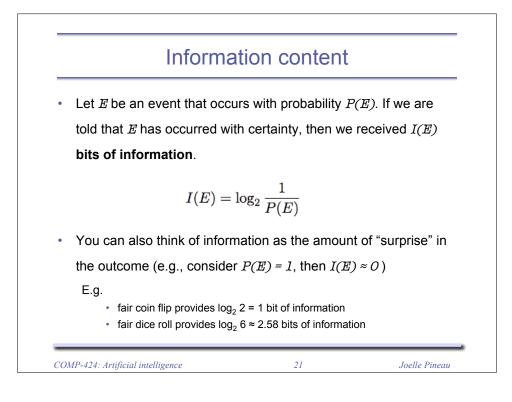


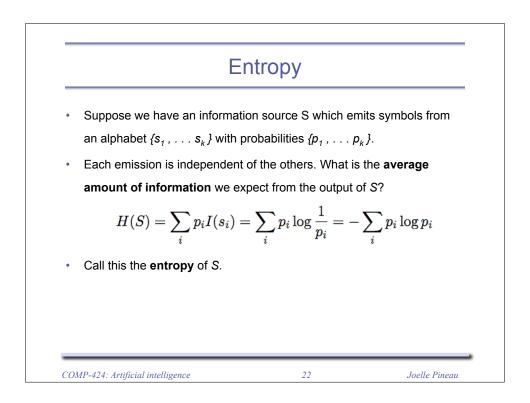


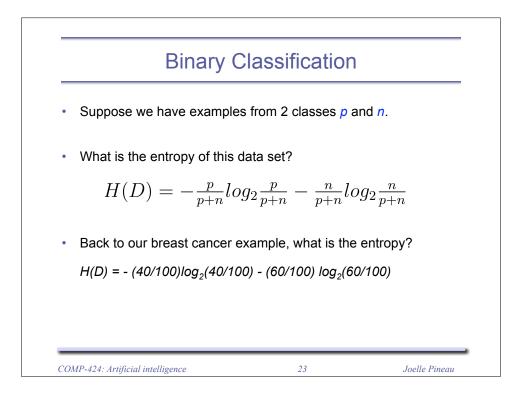


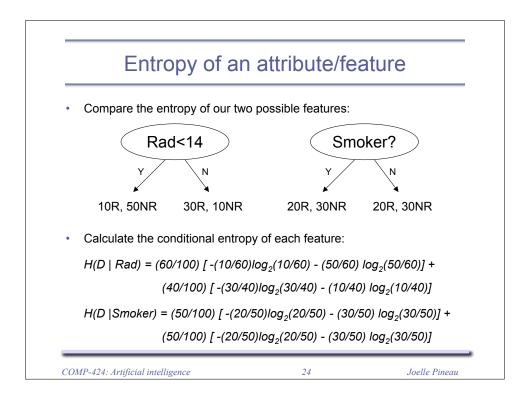


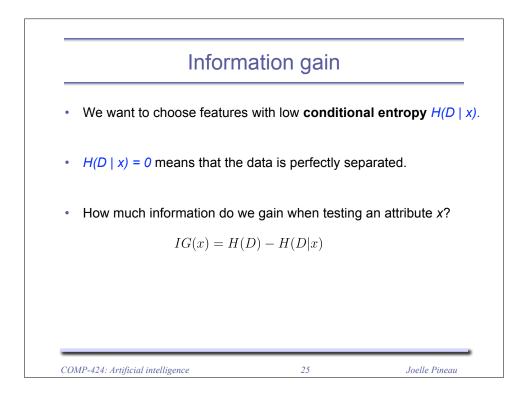


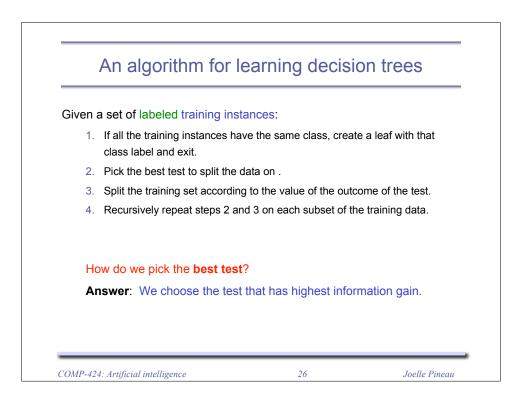


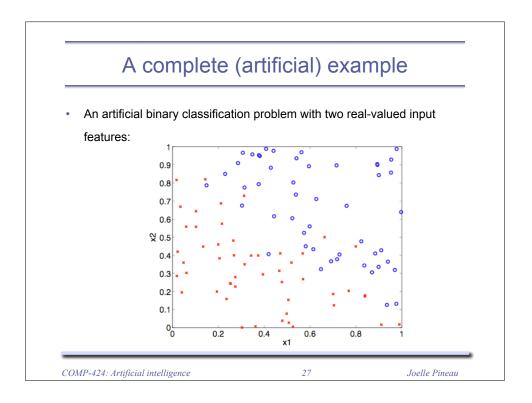


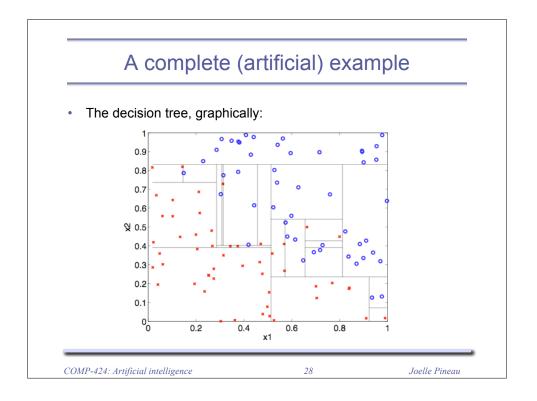


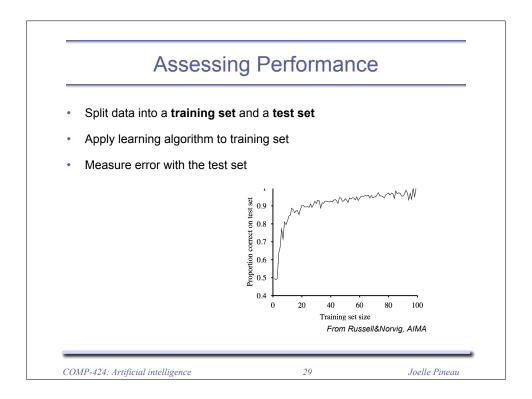


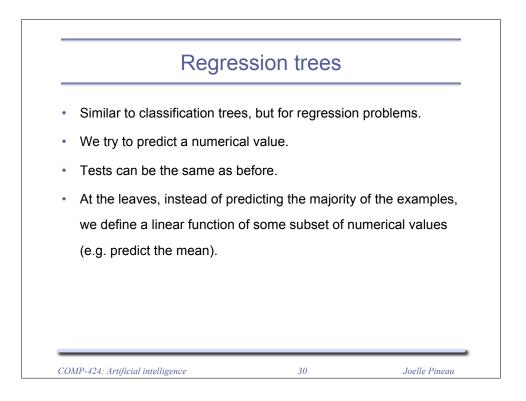


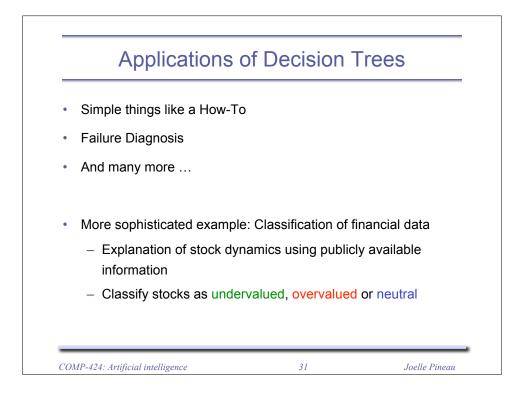












	Inj	Output						
Indicator	Туре	Frequency	Description					
Momentum	Technical	1 day	$M_t = P_t - P_{t-T}, \ T = 20$					
Stochastic	Technical	1 day	$\frac{P_t - P_L}{P_H - P_t}$ , $P_H = max(P_t)$ , $P_L = min(P_t)$					
MA	Technical	1 day	$MA(T) = \frac{\sum_{i=t-T}^{t} P_i}{T}, T = 12$					
MA St. Error	Technical	1 day	Standard deviation of MA					
MACD	Technical	1 day	$(1-rac{n_1}{n_2})\{MA(n_1)-MA(n_2-n_1)\}\ n_1=12,\ n_2=26$	Short				
ROC	Technical	1 day	$\frac{P_t}{P_{t-T}}, T = 10$	Long				
TRIX	Technical	1 day	Triple exponentially smoothed MA	Neutral				
BV	Fundamental	1 month	Book Value	Neutral				
CF	Fundamental	1 month	Cash Flow					
Dividends paid	Fundamental	1 month	-					
			Depreciation					
EPS	Fundamental	1 month	Earnings Per Share					
Sales	Fundamental	1 month	-					
ImplVola	Fundamental	1 day	Implied volatility					

