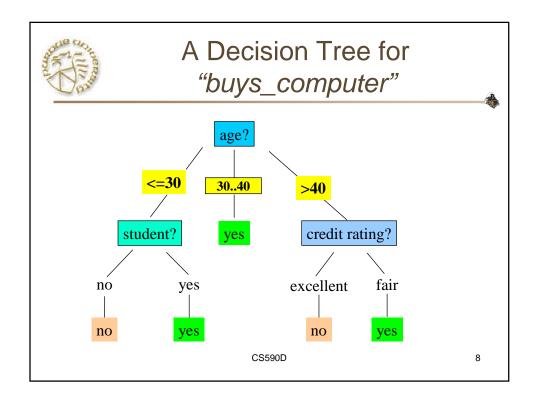
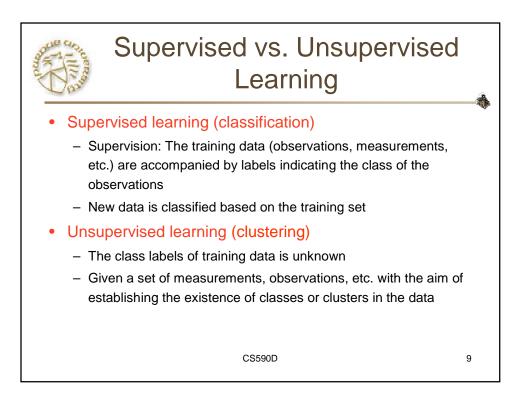
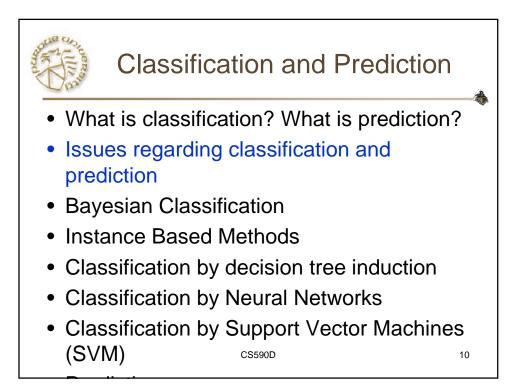
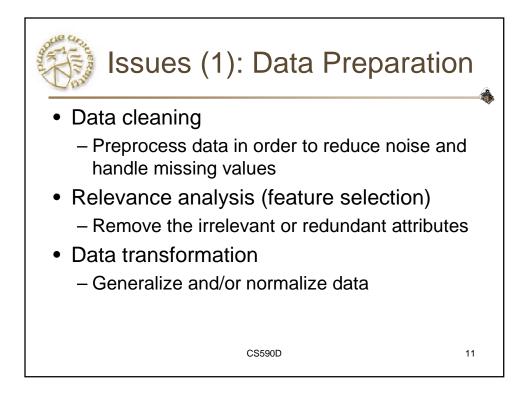


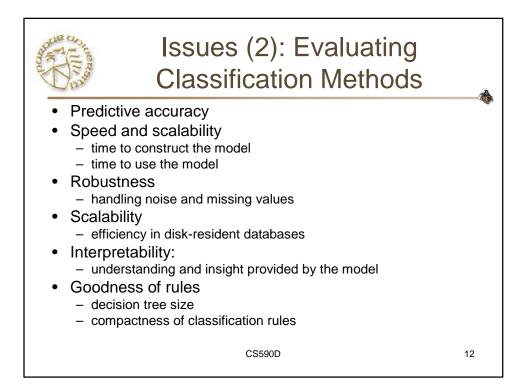
a literan	Dataset								
age	income	student	credit_rating	buys_computer					
<=30	high	no	fair	no					
<=30	high	no	excellent	no					
3140	high	no	fair	yes					
>40	medium	no	fair	yes					
>40	low	yes	fair	yes					
>40	low	yes	excellent	no					
3140	low	yes	excellent	yes					
<=30	medium	no	fair	no					
<=30	low	yes	fair	yes					
>40	medium	yes	fair	yes					
<=30	medium	yes	excellent	yes					
3140	medium	no	excellent						
3140	high	yes	fair						
>40	medium	no	excellent		7				

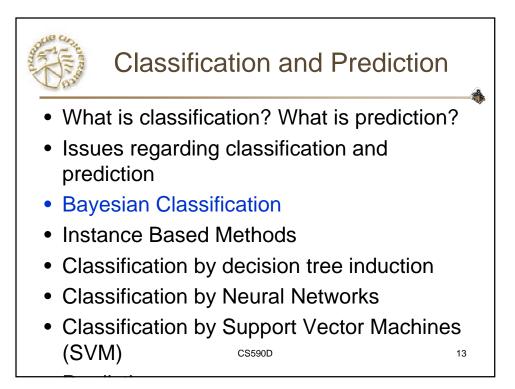


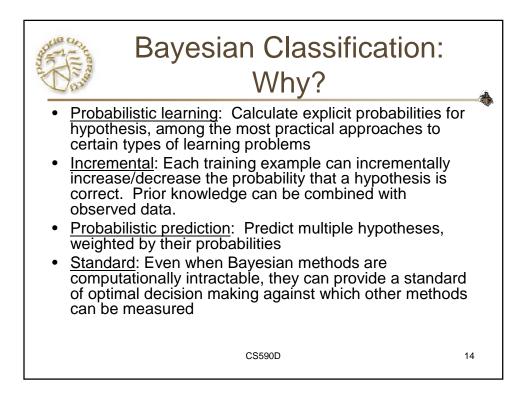


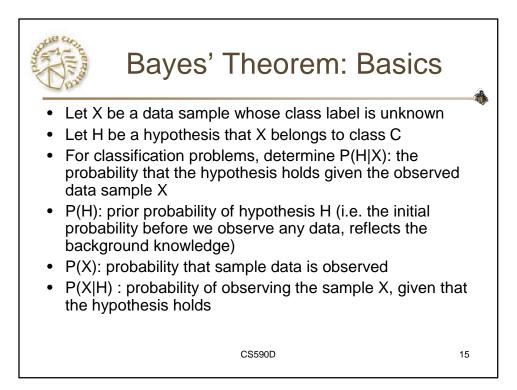


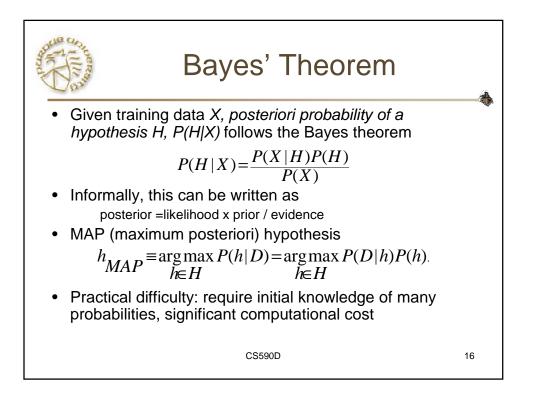


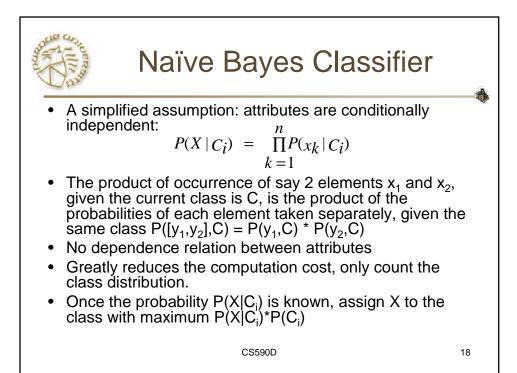




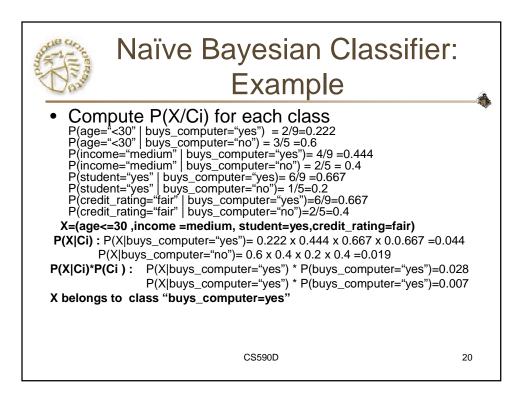


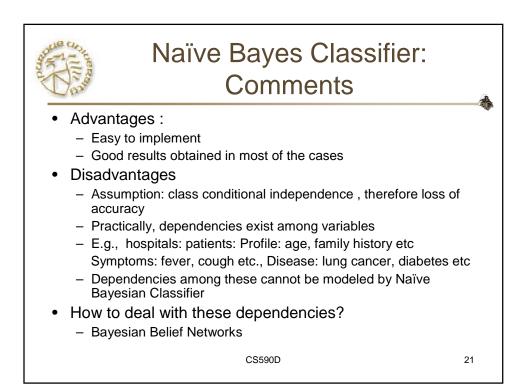


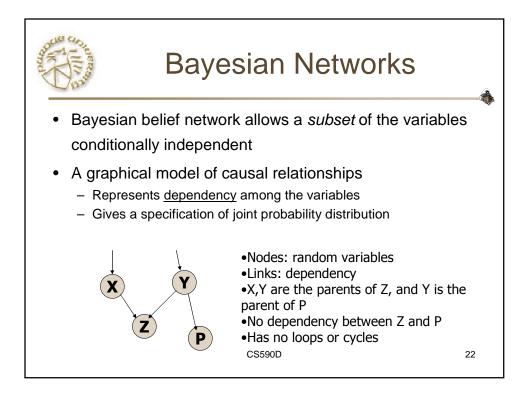


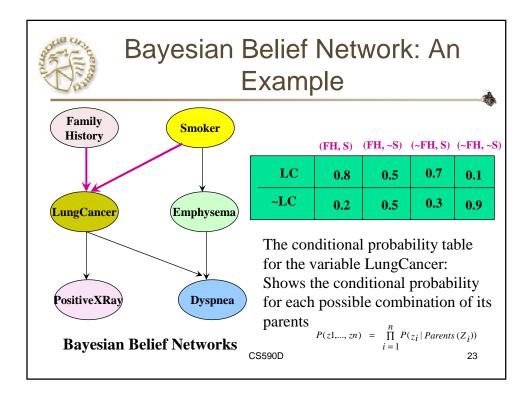


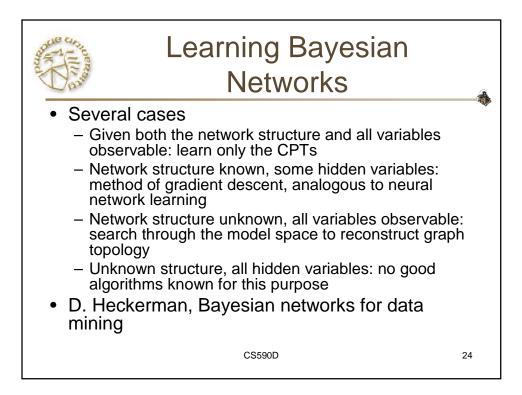
Training dataset									
	age	income	student	credit_rating	buys_computer				
Class:	<=30	high	no	fair	no				
C1:buys_computer=	<=30	high	no	excellent	no				
<pre>`yes' C2:buys_computer= `no' Data sample X =(age<=30, Income=medium, Student=yes Credit_rating= Fair)</pre>	3040	high	no	fair	yes				
	>40	medium	no	fair	yes				
	>40	low	yes	fair	yes				
	>40	low	yes	excellent	no				
	3140	low	yes	excellent	yes				
	<=30	medium	no	fair	no				
	<=30	low	yes	fair	yes				
	>40	medium	yes	fair	yes				
	<=30	medium	yes	excellent	yes				
	3140	medium	no	excellent	yes				
	3140	high	yes	fair	yes				
	>40	medium	no	excellent	no				
		CS59	90D		19				

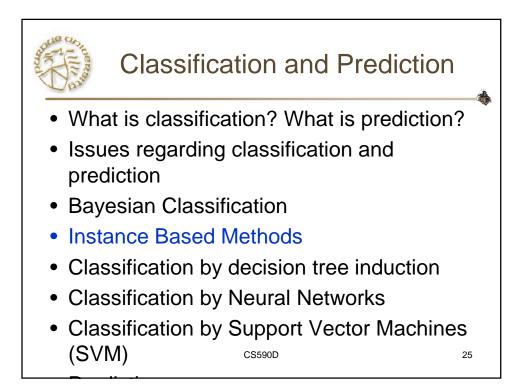


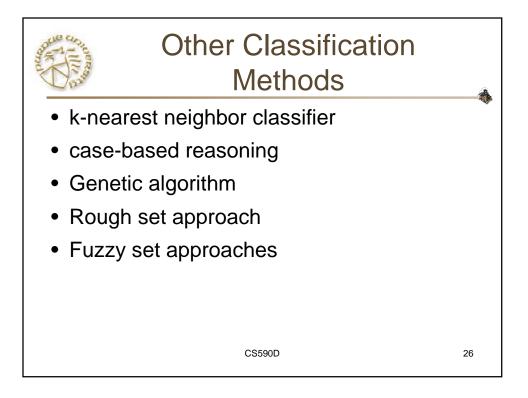


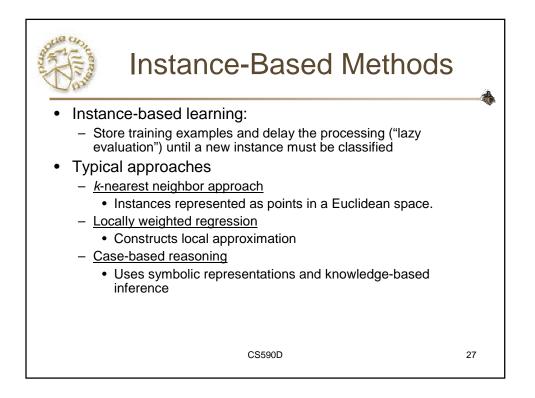


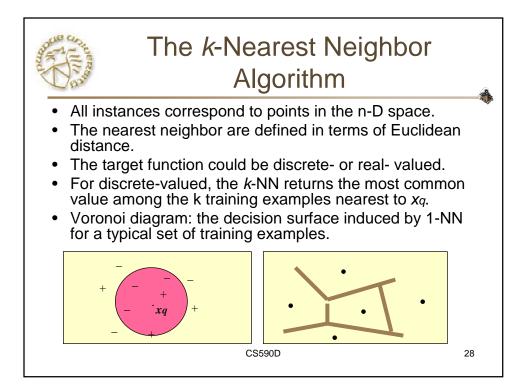


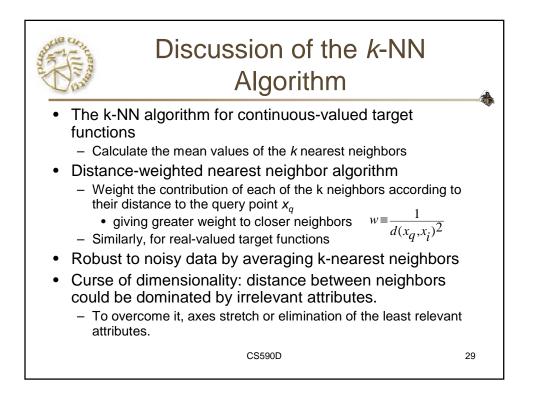


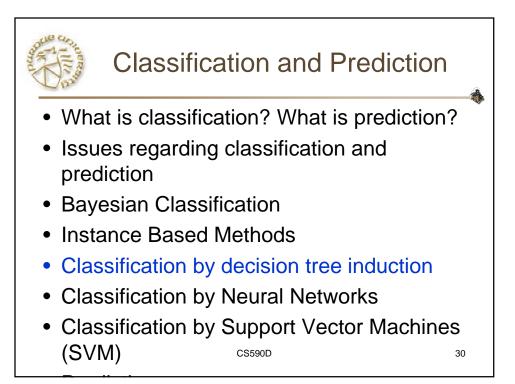




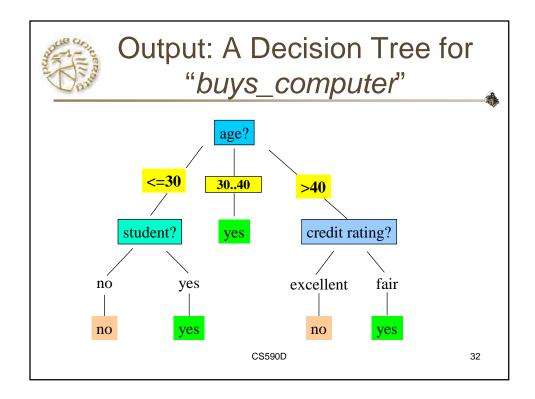


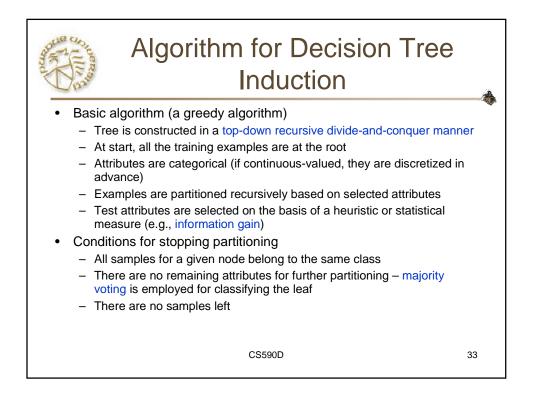


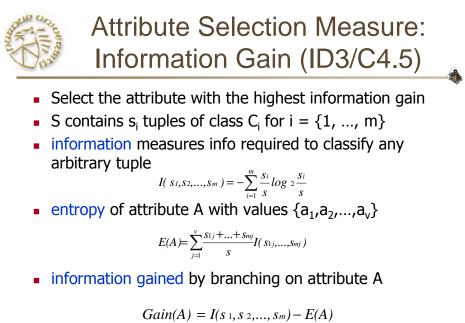




Training Dataset									
	age	income	student	credit_rating	buys_computer				
This follows an example from Quinlan's ID3	<=30	high	no	fair	no				
	<=30	high	no	excellent	no				
	3140	high	no	fair	yes				
	>40	medium	no	fair	yes				
	>40	low	yes	fair	yes				
	>40	low	yes	excellent	no				
	3140	low	yes	excellent	yes				
	<=30	medium	no	fair	no				
	<=30	low	yes	fair	yes				
	>40	medium	yes	fair	yes				
	<=30	medium	yes	excellent	yes				
	3140	medium	no	excellent	yes				
	3140	high	yes	fair	yes				
	>40	medium	no	excellent	no				
		С	S590D		31				







CS590D

