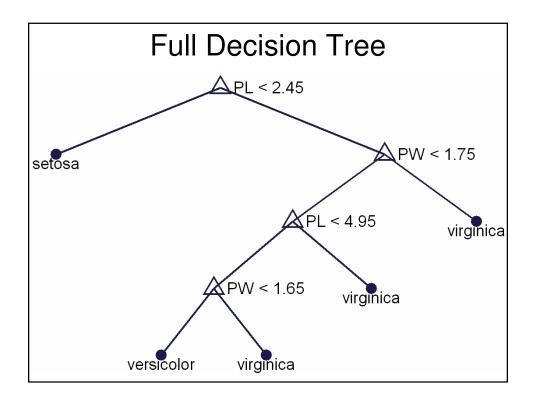
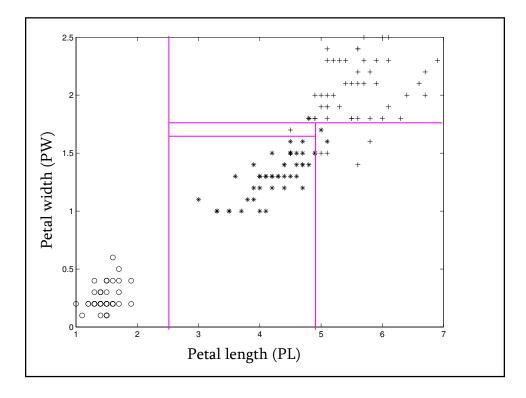
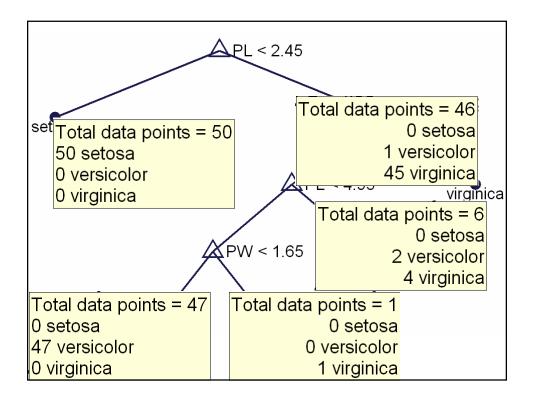
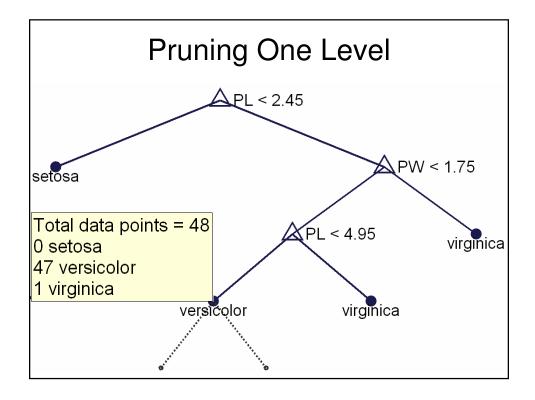


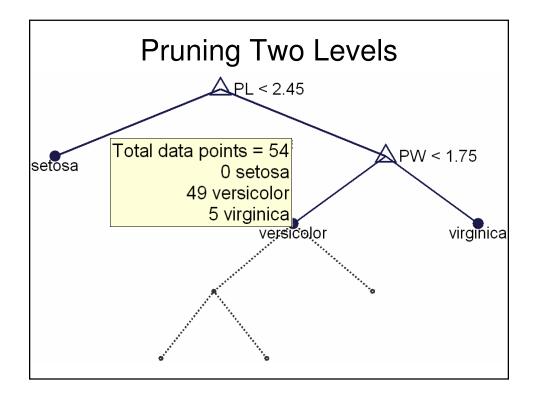
Example				
Class	Sepal Length (SL)	Sepal Width (SW)	Petal Length (PL)	Petal Width (PW)
Setosa	5.1	3.5	1.4	0.2
Setosa	4.9	3	1.4	0.2
Setosa	5.4	3.9	1.7	0.4
Versicolor	5.2	2.7	3.9	1.4
Versicolor	5	2	3.5	1
Versicolor	6	2.2	4	1
Virginica	6.4	2.8	5.6	2.1
Virginica	7.2	3	5.8	1.6

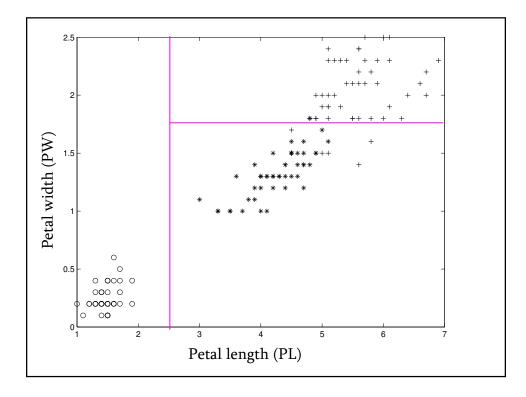


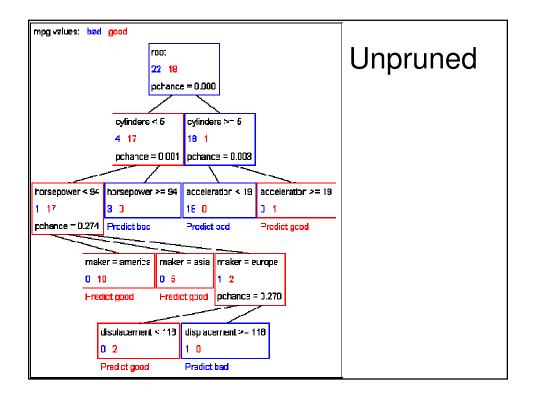


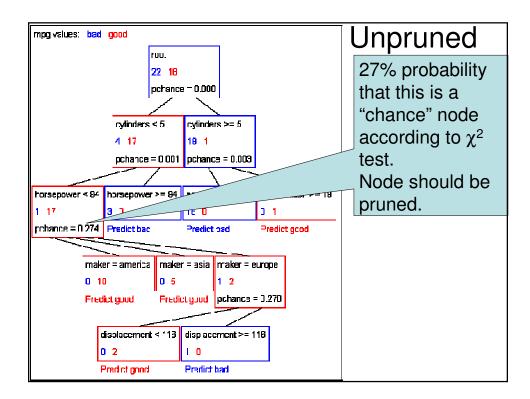


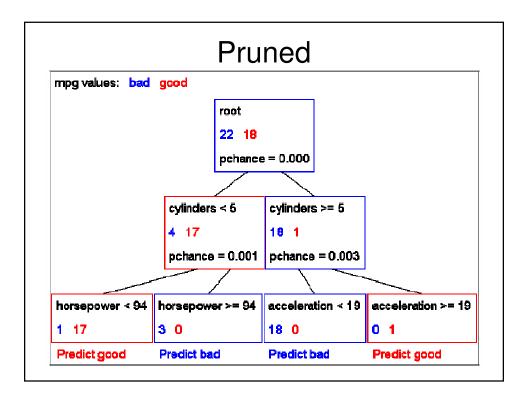


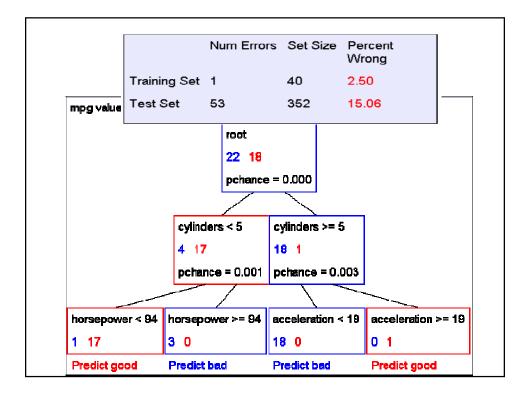


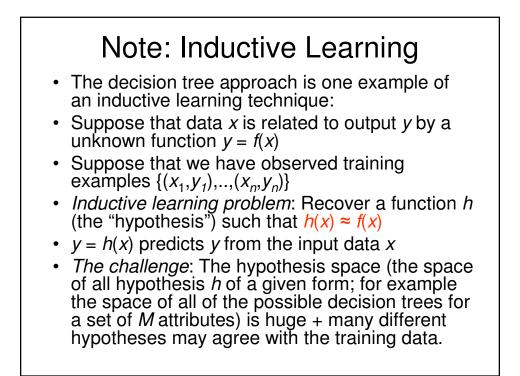


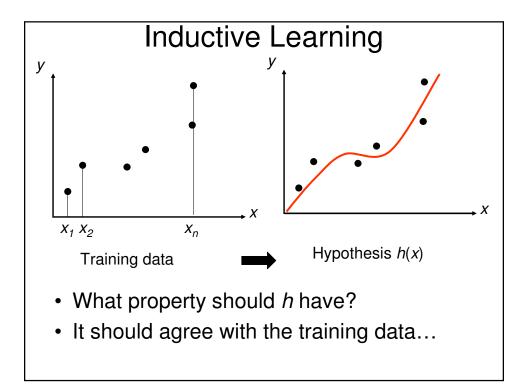


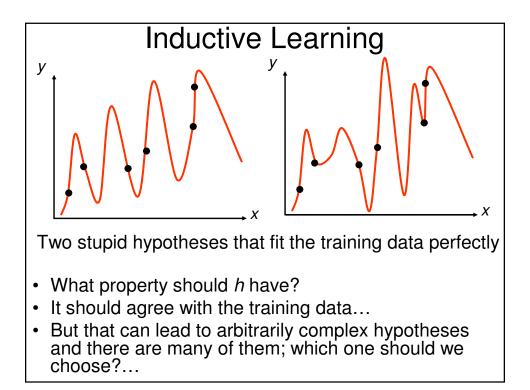


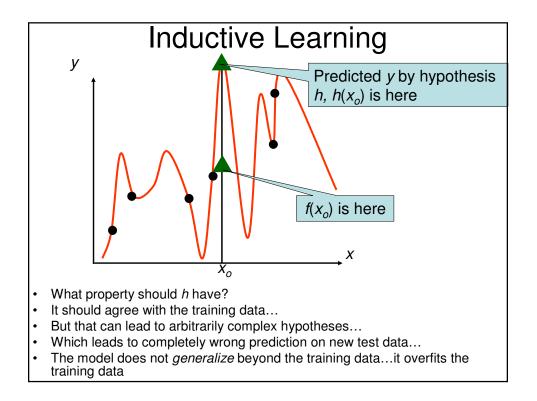


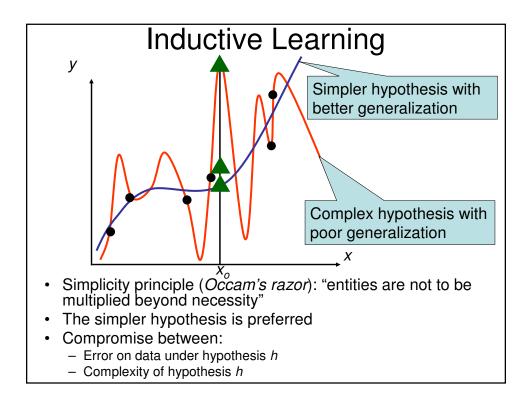


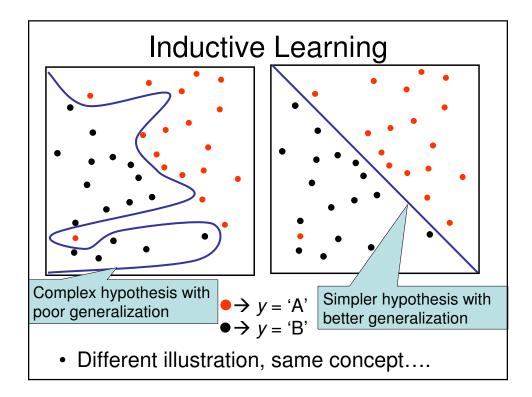












Inductive Learning

- Decision tree is one example of inductive learning
- To be covered next:
 - Instance-based learning and clustering
 - Neural networks
- In all cases, minimize:

Error on data + complexity of model

