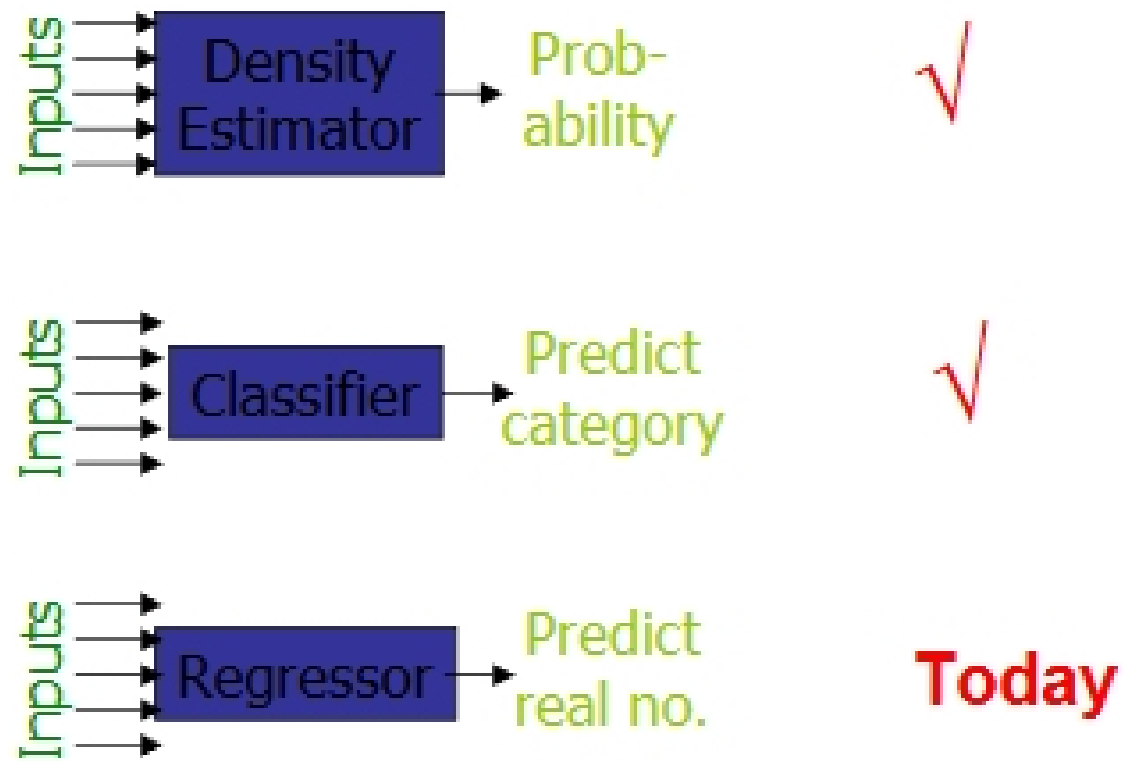


15-381: Artificial Intelligence

Regression and cross validation

# Where we are



# Linear regression

- Given an input  $x$  we would like to compute an output  $y$
- For example:
  - Predict height from age
  - Predict Google's price from Yahoo's price
  - Predict distance from wall from sensors

