CS 344 – Guide 5

* Bayesian Networks:
  + Be familiar with the structure of Bayesian networks:
    - Directed graphs:
    - Acrylic graphs:
    - Semantics (see “factorization definition” section)
  + Compare and contrast the conditional probability tables in Bayes Networks with the full joint probability distribution.
  + E.g. see the rain-sprinkler example:
    - How many values must it store?
    - How many would the full joint have to store?
  + What benefit is there to using Bayesian networks as opposed to the probabilistic mechanism discussed in the previous unit?
* Scikit Learn