



Lecture Homework 4

For this homework, you will perform hand-calculations to find the strong association rules for the to-play-or-not-to-play weather dataset with nominal attributes. Your requirements for a strong association rule are:

Minimum coverage (support) requirement = 6 occurrences

Minimum confidence (accuracy) requirement = 0.666

Minimum lift = 1.333

You will prepare your results as a .ppt presentation with the following format:

Slide 1:

Lecture Homework 4

(Your name)

Slide 2: 1-itemsets, coverage, and L1 large 1-itemset

Slide 3: 2-itemsets, coverage, and L2 large 2-itemset

Slide 4: 3-itemsets, coverage, and L3 large 3-itemset

Slide 5:

Association rules with coverage, lift, and identification of strong association rules.