School of Computing and Information Systems
The University of Melbourne
COMP90049 Knowledge Technologies (Semester 2, 2018)
Workshop exercises: Week 12

1. For the following set of instances:

a_1	a_2	a_3	c
hot	windy	dry	Yes
mild	windy	rainy	No
hot	windy	rainy	Yes
cool	still	dry	Yes
cool	still	rainy	No
hot	still	dry	No
mild	still	dry	Yes

Construct all of the **1-itemsets** and calculate their **confidences** and **supports**. Discuss how you would continute mining for effective **Association Rules**.

2. What does "correlation does not imply causation" mean? Why is it important to keep this adage in mind, when working in the field of Data Mining?

3. What occurs in the training phase of a **neural network**? What occurs in the test phase?