**Review 1**

**CSE3020 – Data Visualization**

**Slot: C1/C2**

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**Visualization of <your dataset name> using <R/Python>**

1. Dataset details
   1. URL – Where did you download it from – exact URL
   2. No. of attributes and rows
   3. Attributes definition – What do they mean?
2. Data Abstraction
   1. Write the data types of the attributes in visualization terms.

(You might want to refer to these <https://surfstat.anu.edu.au/surfstat-home/1-1-1.html> ,

<https://towardsdatascience.com/data-types-in-statistics-347e152e8bee> ,

and read the chapter on data abstraction in VAD by Tamara Munzer)

1. Task Abstraction
   1. Identify a minimum of 7 questions that can be found from your dataset
   2. Discuss the attributes required for answering those questions (identify your actions and targets)
   3. Read the chapter on task abstraction in VAD by Tamara Munzer
2. Encoding
   1. Identify the appropriate encoding technique according to the question and variables required.
   2. Check if you can apply any of the encoding techniques from VAD
   3. Create the graphs/charts/plots using R or Python only.
   4. Add the code and the graphs to the document.