**DEPARTMENT OF COMPUTER SCIENCE**

**CSEL 545 DATA VISUALISATION TOOLS**

**END SEMESTER EXAMINATION - AUG 2023**

**(40 marks)**

**The datasets have been obtained from**

<https://data.lacity.org/Public-Safety/Domestic-Violence-Calls-from-2020-to-Present/qq59-f26t>

**and**

https://data.lacity.org/COVID-19/LA-County-COVID-Cases/jsff-uc6b

Perform visualisation, summarisation and identify the interesting relationships in the 2 given datasets (individually as well as collectively). (25 marks)

After performing the exploratory data analysis, check if your analysis has answers to the following questions.

1. Did Covid cases count have an impact on domestic violence? (5 marks)
2. Relate domestic violence incidents, Crm Cd1 and gender. (5 marks)
3. Did single family dwelling cause domestic violence against women by her boyfriend ? (5 marks)