**Question 2.1**

Describe a situation or problem from your job, everyday life, current events, etc., for which a classification model would be appropriate. List some (up to 5) predictors that you might use.

# Answer:

# Event: If a person has infected by COVID19 varus.

# The result can be categorized to the following:

* Not infected ever

# Has previously infected but not anymore

* Currently infected

Of course, the predictor is medical test results.

But if we want to analyze further on this, say to find who is easier to get infected. Then other attributes become valuable. Like occupancy, age, other condition the person may have, where the person lives, if the person wears masks and what kind of mask and how often does the person wear it, even race and gender.