

Question 10.2

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

Solution:

A situation from recent events for which logistic regression would be appropriate is whether a person will attract COVID-19 or not. Predictors that could be used are:

- **Mask usage**
- **Hours spent in public places**
- **Is job remote or in person**
- **Size of family**