Quiz 12

Data simulation project proposal

For this project, I will be simulating data investigating breast cancer in subjects within 5 years. This simulation will be based on the data from my project in HS617 that involves detecting role of Cytomegalo virus in breast cancer and predicting breast cancer or risk of breast cancer at an early stage from personal, medical and family history. I will be simulating various variables like cytomegalo virus sero-status, blood markers, age, minutes of exercise per week, family history of breast cancer, history of smoking, etc. The blood markers that I intend to simulate include human IL10, IL6, IL8, IL12, IL1b and TNF alpha.