**Final Project Proposal**

1. Problem to solve:
2. The dataset that I would be using for this project to generate the statistical insights is breast cancer prediction
3. I will provide few graphical statistics of the dataset and would be using logistic regression algorithm from Machine learning
4. I will import the predefined dataset from scikit-learn
5. I will be using datasets from scikit-learn.org
6. I chose logistic regression model in this case. The idea of logistic regression is that there is an optimal decision boundary that separates the two classes of cancer

For the given training data, I want to find parameters Θ that are most likely be maximizing L(Θ) this is maximum likelihood estimator

Knowing the likelihood function for this given problem, we look for such Θ that maximizes the probability of obtaining the data we have. To find the Θ, there is an optimization algorithm to find that Θ.