**RESEARCH PROPOSAL**

The project “Healthcare AI Project” aims to build a predictive model which primarily focuses on the prediction of patient’s survival chances. The dataset contains 116 fields from which we need to identify the most influential fields using statistical analysis. Feature engineering and extraction will also be required to develop the model. Additionally, we will investigate whether taking medication from the hospital reduces a patient's likelihood of contracting the disease in the future. Unsupervised Machine Learning model will be suitable to apply in this kind of problem such as clustering and dimensionality reduction techniques to identify the most important features for predicting survival chances.