Aviva Breast Cancer Proposal

Who is the audience for this project?

Aviva CancerCare

What are you trying to solve or accomplish? And what do you anticipate the impact of this work will be on the larger needs of the client?

Being able to early classify breast cancer cases as benign or malignant. This will help with early classification of the cancer class and allow the patients to seek relevant type of care promptly.

What questions need to be asked or answered?
- Are there any ethical concerns with the data?
- What was the method used for data collection?
- How long was the data collected for and is there any known bias in the data?

What resources are required to complete this project?
- A computer with decent computational power than has python installed.
- Good quality data or data that can be cleaned/processed to obtain good data.
- Input from stakeholders and other team members.

What are the deliverables that will need to be created over the course of this project?
- Cleaned and Processed Data for Descriptive Analysis and Model Building.
- A Machine Learning Model that effectively classifies the breast cancer into the two class.
- An executive report to show our insights and model performance.