**Dataset:**

We employed the Curated Breast Imaging Subset Digital Database for Screening Mammography (CBIS-DDSM) Dataset of Mammography by Lee et al., (2017). This dataset is an updated and standardized version of the Digital Database for Screening Mammography (DDSM) and is available publicly.The DDSM is a database of 2,620 scanned film mammography studies which contain normal, benign, and malignant cases with verified pathology information. The scale of the database along with ground truth validation makes the DDSM a useful tool in the development and testing of decision support systems. The CBIS-DDSM collection includes a subset of the DDSM data selected and curated by a trained mammographer. The images have been decompressed and converted to DICOM format. Updated ROI segmentation and bounding boxes, and pathologic diagnosis for training data are also included. It provides mammography images annotated for breast cancer diagnosis, including masses and calcifications with corresponding metadata. The dataset is designed for machine learning and deep learning applications in medical imaging.

The dataset is downloaded from the kaggle website [https://www.kaggle.com/datasets/awsaf49/cbis-ddsm-breast-cancer-image-dataset](https://datase)