PROBLEM DEFINITION DOCUMENT SDG 3.

LINK TO GAMMA [CLICK HERE](https://gamma.app/docs/Early-Cancer-Detection-A-Lifeline-98nrvfd2v0g997z)

LINK TO EXCEL DASHBOARD [CLICK HERE](https://1drv.ms/x/s!AlxkHIkYP1NbgRlGuTcaWdsNf08O?e=Yj3Sit&nav=MTVfezNDNjAzM0JDLTJGQTktNDg2NC05RTg4LUZENENCNkJDNTVGMX0)

Title:

Early Detection and Screening for Breast and Cervical Cancers: A Data-Driven Approach

Problem Statement:

Breast and cervical cancers pose a significant threat to women's health, particularly in Africa and the world at large, where late-stage diagnoses are prevalent due to inadequate screening measures and limited public awareness. The lack of effective screening methods and insufficient knowledge dissemination result in delayed detections, making treatment challenging and often ineffective.

Key Issues:

1. Late-Stage Diagnoses: Breast and cervical cancers are frequently diagnosed at advanced stages, reducing the efficacy of treatments like surgery.

2. Inadequate Screening: Insufficient screening measures and methods are available, leading to delayed detections.

3. Limited Public Awareness: Inadequate knowledge dissemination contributes to a lack of understanding about the importance of early detection and screening.

Project Goal:

Develop a data-driven approach to promote early detection and screening for breast and cervical cancers through data analysis of a sample local hospital, encouraging public awareness and campaign efforts.

Objectives:

1. Analyze data from a local hospital to identify trends and patterns in breast and cervical cancer diagnoses.

2. Develop a campaign strategy to raise public awareness about the importance of early detection and screening.

3. Promote screening measures and methods to encourage early detection.

Expected Outcomes:

1. Improved public awareness about breast and cervical cancers and the importance of early detection.

2. Increased screening rates and early detections.

3. Enhanced treatment outcomes and survival rates.

Target Audience:

1. Women at the age of 25+

2. Healthcare professionals and providers

3. Local health authorities and stakeholders