

Breast Cancer Recovery Dashboard Project

Introduction:

As a data analyst, I embarked on a project to analyze breast cancer recovery data sourced from Kaggle. The objective was to uncover insights and trends that could contribute to a better understanding of recovery rates and factors influencing them.

Project Overview:

The dataset revealed an overall recovery rate of 80.4% after surgery, with notable distinctions between genders. Men had a recovery rate of 75%, while women showed a slightly higher rate at 80.5%. The apparent gender difference may be attributed to the imbalanced representation of men and women in the dataset.

Key Findings:

1. Recovery Rates:

- Overall recovery rate: 80.4%
- Men's recovery rate: 75%
- Women's recovery rate: 80.5%

Note: The gender-based disparity may be influenced by the dataset's gender distribution.

2. Average Recovery Time:

- On average, patients took 355 days to fully recover after surgery.

3. Cancer Stages:

- Stage 2 has the highest representation among patients.
- Patients in Stage 2 exhibit the highest recovery rate after surgery.
- Followed by Stage 3, then Stage 1.

Note: The higher prevalence of Stage 2 cases may be due to delayed diagnosis.

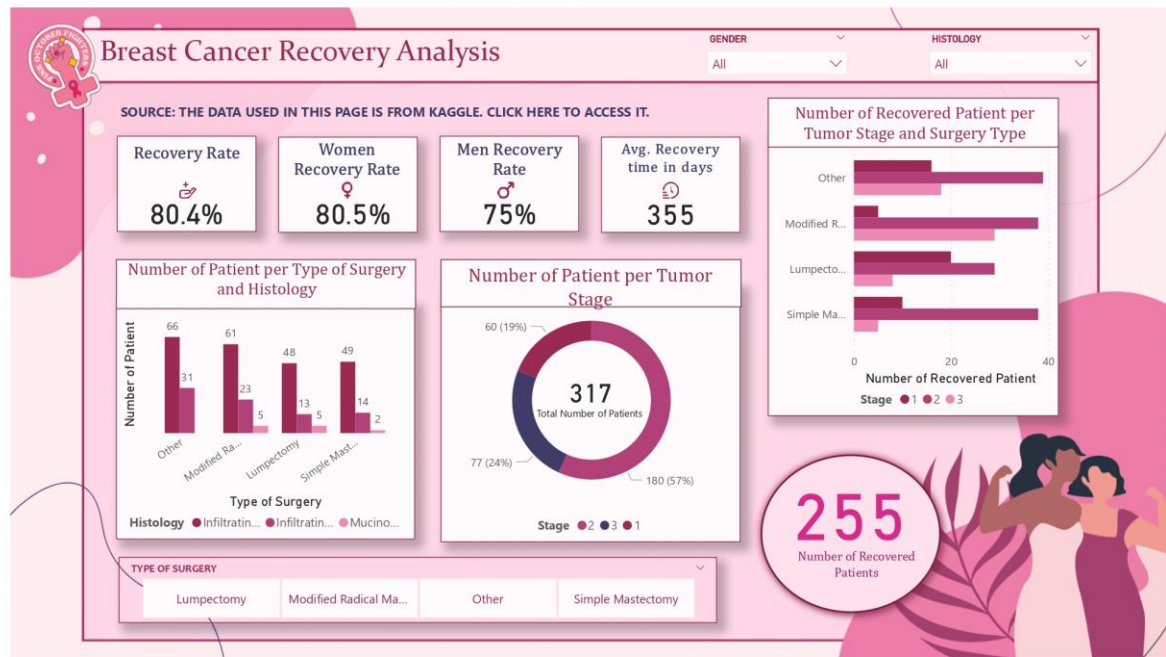
Challenges:

Encountered challenges include the imbalanced gender representation in the dataset, potentially influencing recovery rate observations.

Data Insights:

Understanding the relationships between recovery rates, gender, cancer stages, and recovery time provides valuable insights for medical professionals and policymakers.

Visuals:



Explore the interactive Breast Cancer Recovery Dashboard for a more in-depth analysis. [Link](#)

Contact Information:

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