

Model Card for Breast Cancer Wisconsin (Diagnostic) Dataset

Model Details

Overview

This model predicts whether breast cancer is benign or malignant based on image measurements.

Version

name: 4cf89e7b-6049-42c6-a77c-30739f49698d

date: 2024-06-12

Owners

Model Cards Team, model-cards@google.com

References

- [https://archive.ics.uci.edu/ml/datasets/Breast+Cancer+Wisconsin+\(Diagnostic\)](https://archive.ics.uci.edu/ml/datasets/Breast+Cancer+Wisconsin+(Diagnostic))
- <https://minds.wisconsin.edu/bitstream/handle/1793/59692/TR1131.pdf>

Considerations

Intended Users

- Medical professionals
- ML researchers

Use Cases

- Breast cancer diagnosis

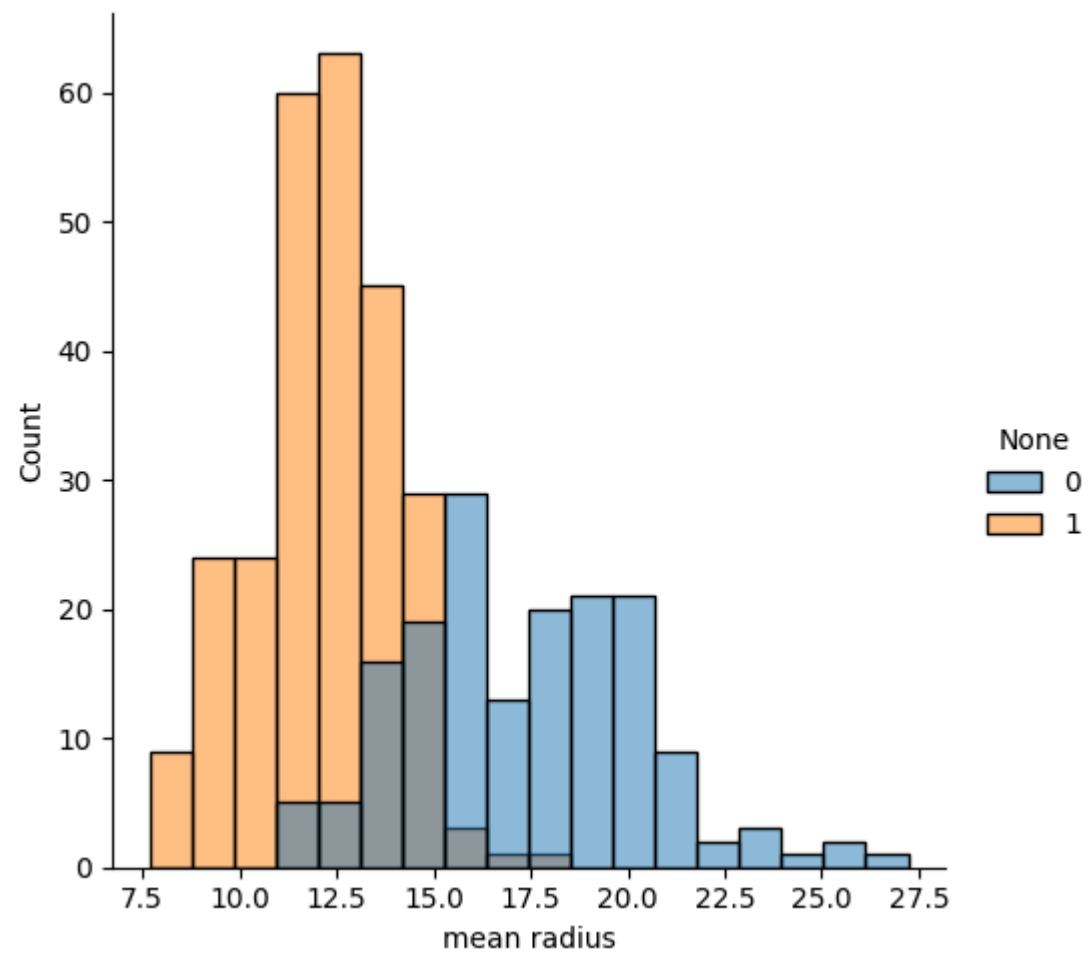
Limitations

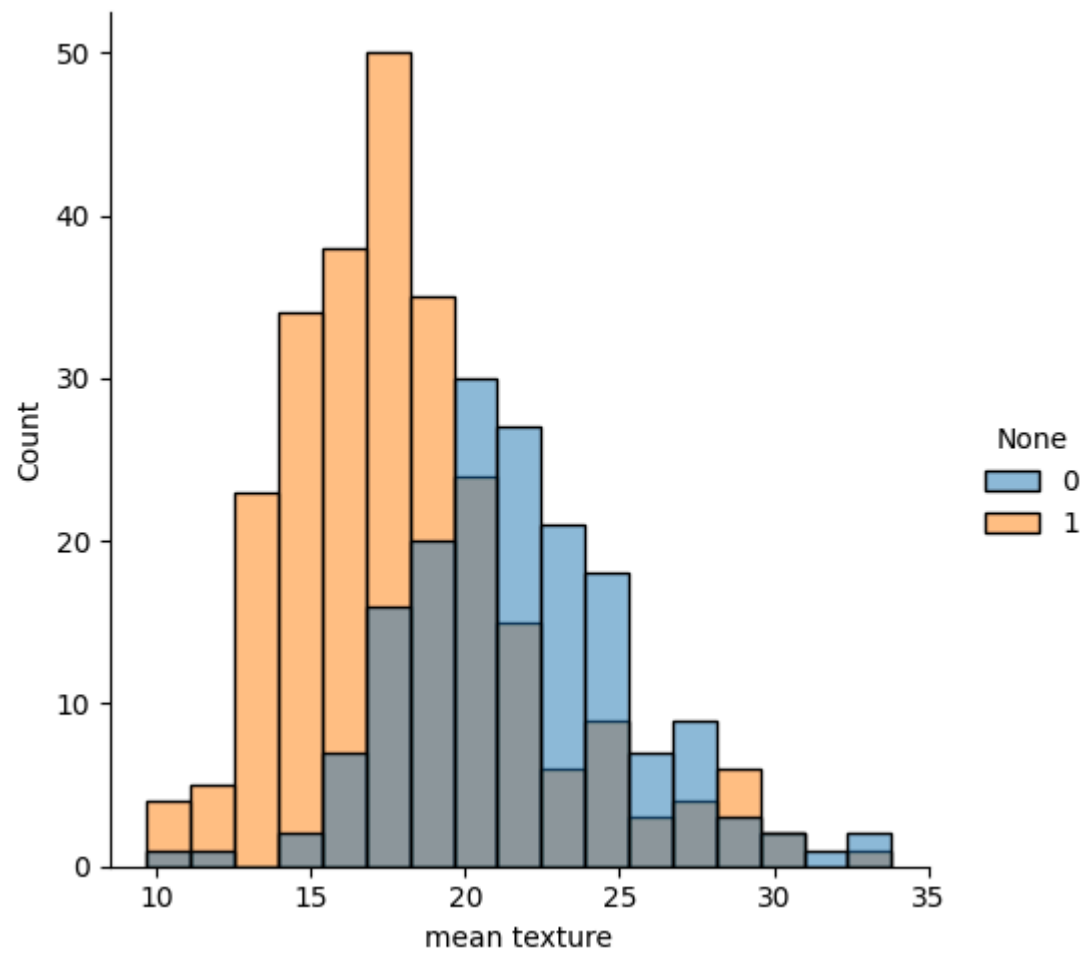
- Breast cancer diagnosis

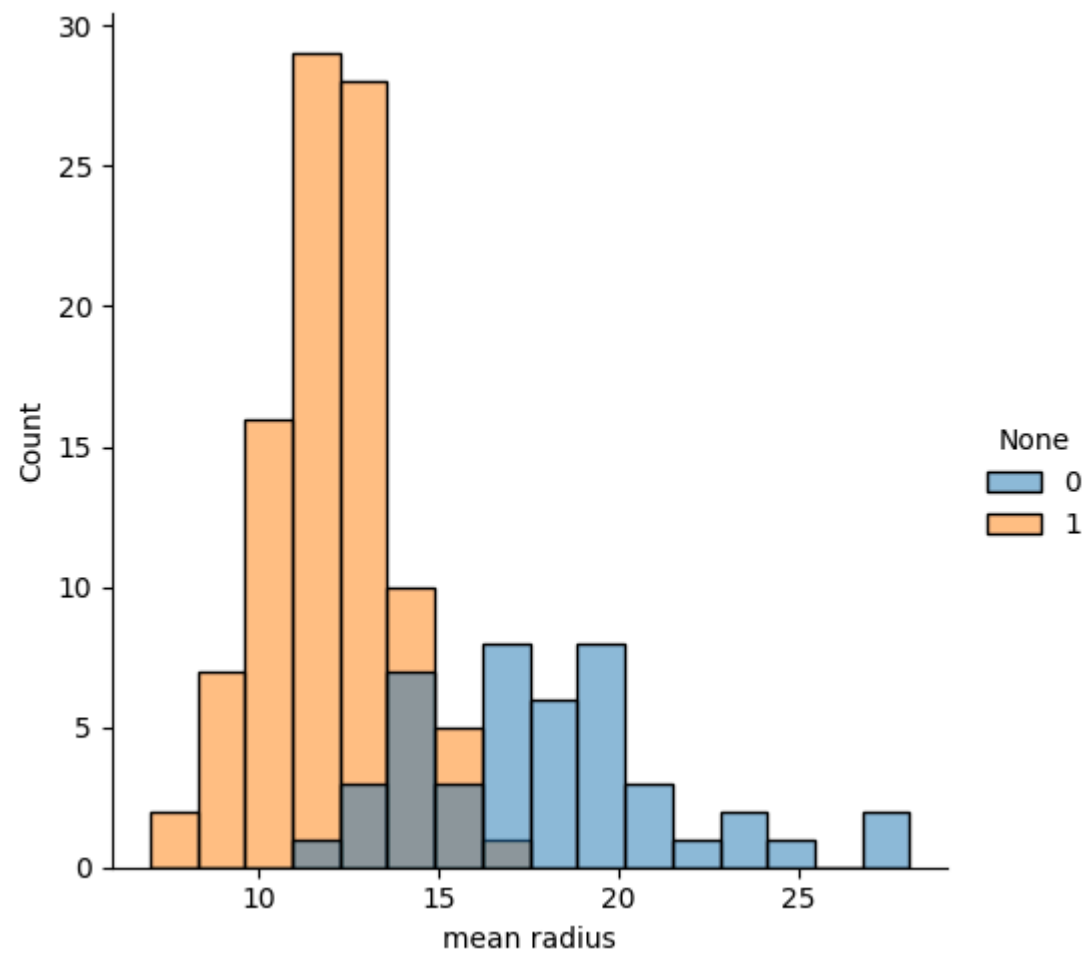
Ethical Considerations

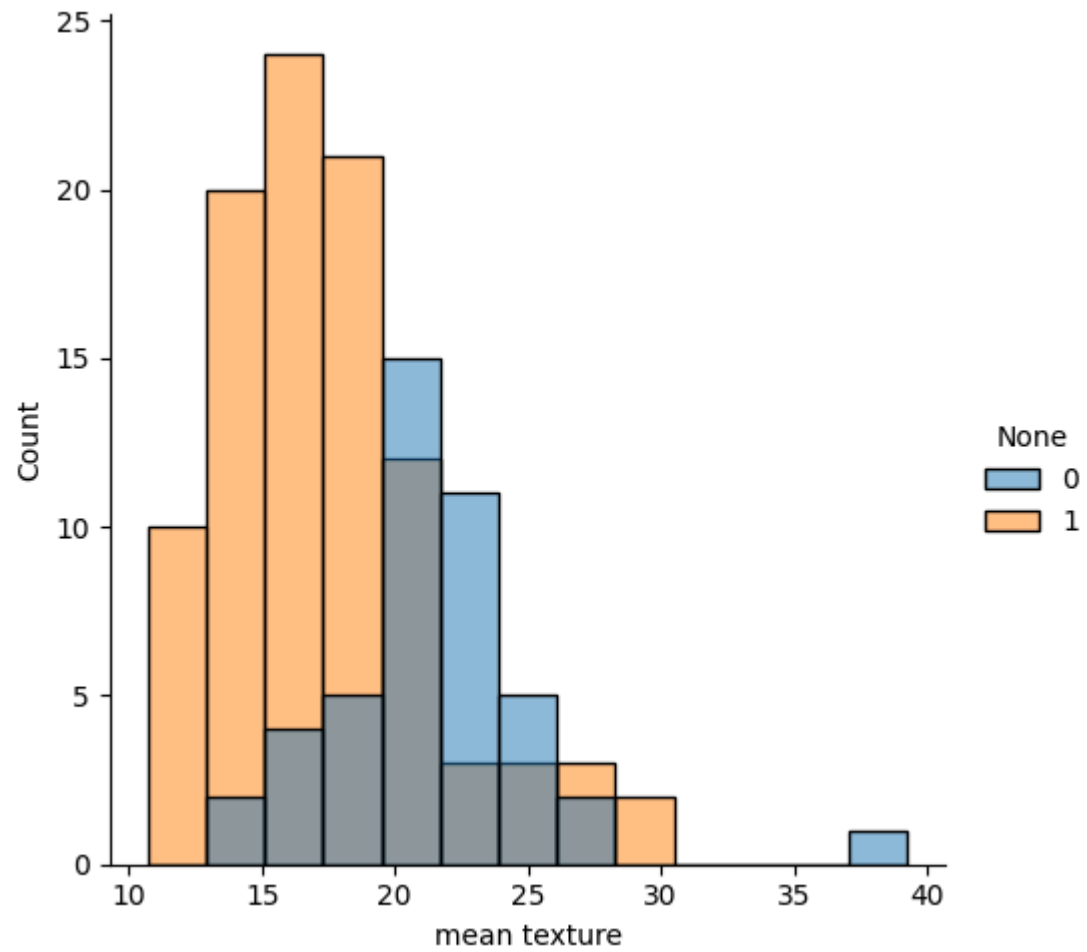
- Risk: Manual selection of image sections to digitize could create selection bias
Mitigation Strategy: Automate the selection process

Datasets









Quantitative Analysis

ROC curve and confusion matrix

