



## Configuration

Select Dataset

Breast Cancer

Select ML Model

SVM

## About

This app uses state-of-the-art machine learning models to predict cancer diagnosis.

### Models Available:

- SVM (Support Vector Machine)
- Random Forest
- XGBoost
- LightGBM
- CatBoost



# Next-Gen Cancer Classifier

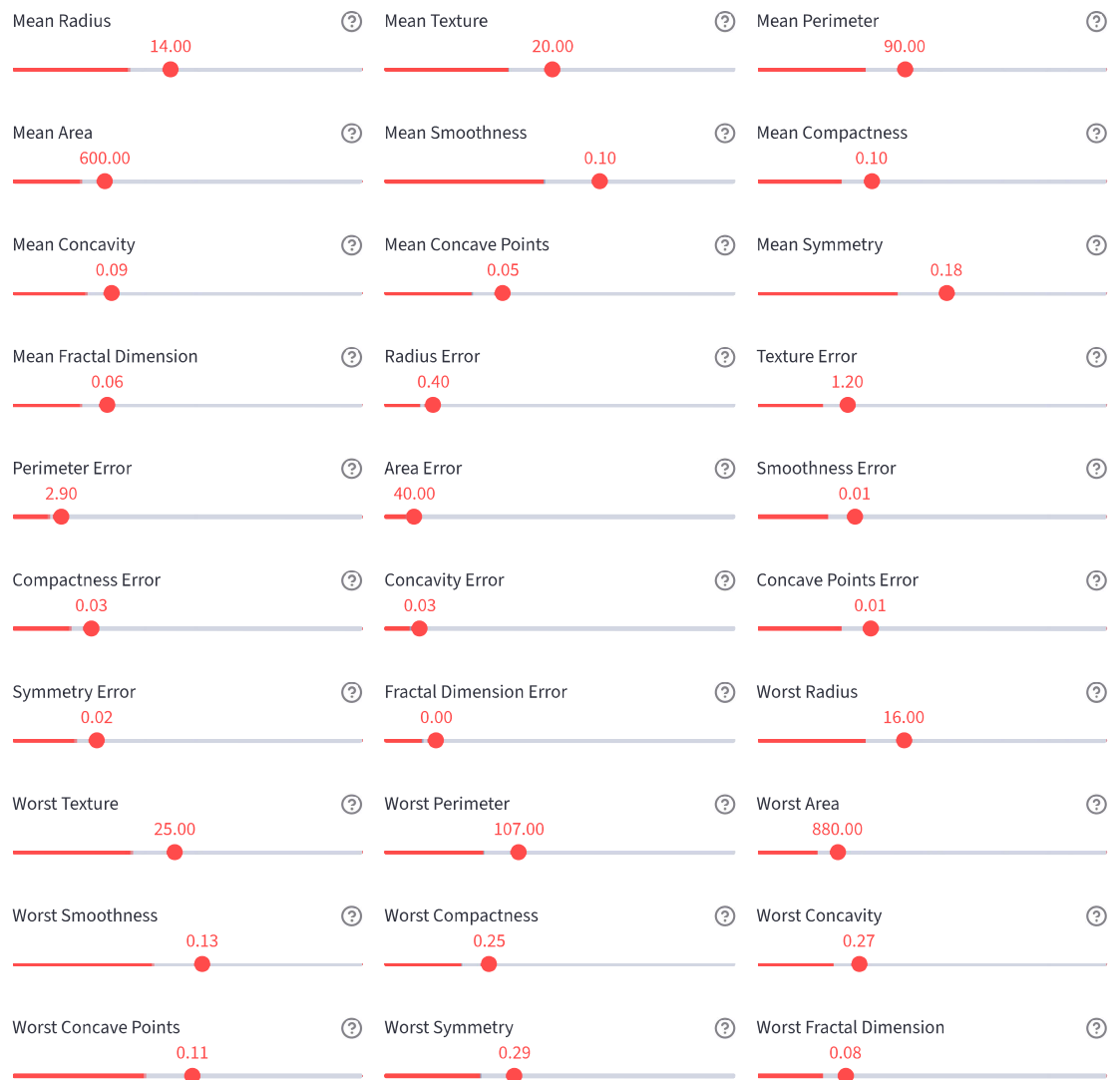
## Advanced Machine Learning for Medical Diagnosis

Wisconsin Breast Cancer Dataset - Predict whether a tumor is malignant or benign

[Make Prediction](#) [Model Comparison](#) [About Dataset](#)

## Input Features

Adjust the sliders to input tumor characteristics:



[Predict Diagnosis](#)

## Prediction Results



**BENIGN**

The tumor is predicted to be non-cancerous

## Prediction Confidence

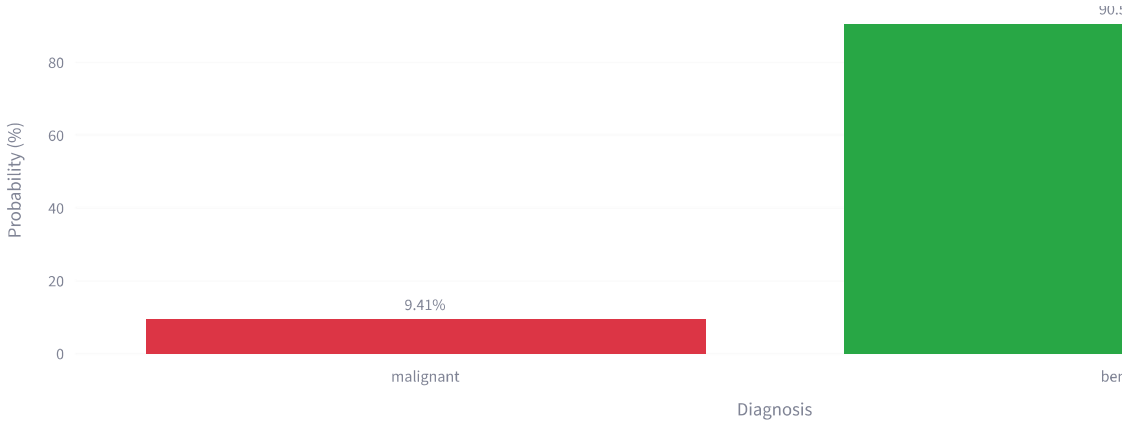
Confidence Score [?](#)

90.59%

Model Used [?](#)

SVM

## Class Probabilities



**Medical Disclaimer:** This tool is for educational and research purposes only. It should NOT be used as a substitute for professional medical diagnosis or treatment. Always consult qualified healthcare professionals for medical advice.