

Breast Cancer Wisconsin Diagnostic

Tutorial 91 - Building your first deep learning model - Breast cancer diagnosis - Tutorial 91 - Building your first deep learning model - Breast cancer diagnosis 48 minutes - Notebook created in this video can be accessed at: ...

Attribute Information

Scaling

Add the Model

Add a Code Cell

Rename Our Data Set Label

Min Max Scalar

Defining the Model

Parameters

Validation Data

Accuracy

Predictions on the Test Data Set

The Science Behind Breast Cancer - The Science Behind Breast Cancer 41 minutes - Take a virtual coffee break with the Medical College of **Wisconsin**, (MCW) and the Advancing a Healthier **Wisconsin**, Endowment ...

Breast Cancer Wisconsin Data Analysis: Machine Learning Project | Exploratory Data Analysis - Breast Cancer Wisconsin Data Analysis: Machine Learning Project | Exploratory Data Analysis 20 minutes - One of the most popular Machine Learning Projects is **Breast Cancer Wisconsin**,. Learn how to get started with the project, load the ...

Introduction

Download Data

Launch Jupiter Notebook

Create Data Analysis Folder

Upload Data

Import Libraries

Load Data

Shape of Data

Mean

Unique

Data Preparation

Dropping Data

Diagnosis

Correlation

Plotting

Correlation Diagram

Scatter Plot

Data Analysis

Correlation Matrix

Multicollinearity

High Correlation

Heatmap

ML Classification | Breast Cancer Wisconsin (Diagnostic) Data Set - ML Classification | Breast Cancer Wisconsin (Diagnostic) Data Set 12 minutes, 5 seconds - ML Classification algorithms were applied on **Breast Cancer Wisconsin (Diagnostic,)** Data Set to get various inferences ...

Deploying Breast Cancer Prediction Model Using Wisconsin Diagnostic Breast Cancer Dataset - Deploying Breast Cancer Prediction Model Using Wisconsin Diagnostic Breast Cancer Dataset 14 minutes, 28 seconds - In this video, we will be showing how the **Wisconsin Diagnostic Breast Cancer**, Dataset can be used to train a model that predicts ...

Wisconsin doctors now required to tell women about certain breast cancer risk factor - Wisconsin doctors now required to tell women about certain breast cancer risk factor 1 minute, 53 seconds - It's a risk factor for **breast cancer**, many women don't even know they have but a new state law will require doctors to tell them.

Kaggle LiveCoding: Breast Cancer Wisconsin (Diagnostic) Data Set - Kaggle LiveCoding: Breast Cancer Wisconsin (Diagnostic) Data Set 59 minutes - Hi, I'm Codigan AI Dataset: <https://www.kaggle.com/uciml/breast-cancer-wisconsin-data> Kernel: ...

Breast Cancer Classification using Breast Cancer Wisconsin (Diagnostic) Data Set #machinelearning - Breast Cancer Classification using Breast Cancer Wisconsin (Diagnostic) Data Set #machinelearning 1 hour, 17 minutes - Machine Learning-based Drug Discovery Lecture 8 _ Model Building: Predict whether the **cancer**, is benign or malignant Dataset ...

Analysis of Breast Cancer Wisconsin Data Set - Analysis of Breast Cancer Wisconsin Data Set 14 minutes, 55 seconds - We worked on a data set to predict if a patient has a malignant tumor (M) or a benign tumor (B) using models trained on a ...

The Preprocessing of Data

Visualization

Pre-Processing of Data

Swarm Plot

Identifying the Missing Values

Feature Subset Selection

Dimensionality Reduction

Heat Map

Splitting of Data into Test and Train Sets

Xgboost

Finding the Optimal Features

Conclusion

Hands-On Model Interpretability with SHAP | Wisconsin Breast Cancer Dataset Explained - Hands-On Model Interpretability with SHAP | Wisconsin Breast Cancer Dataset Explained 32 minutes - Unlock the power of model interpretability with this hands-on session focused on SHAP (SHapley Additive exPlanations)!

Intro

How to load and prepare the Wisconsin Breast Cancer dataset

How to build a Random Forest classifier

How to apply SHAP to interpret model predictions

How to create SHAP summary plots, dependence plots, and waterfall plots

Best practices for explaining complex models with SHAP

Breast Cancer Wisconsin Diagnostic (Medical Diagnosis) Klasifikasi Support Vector Machine - Breast Cancer Wisconsin Diagnostic (Medical Diagnosis) Klasifikasi Support Vector Machine 18 minutes - Kelompok 8 : - Muhammad Rizki Budiman (F55128006) - Moh. Fauzan (F55118029) - Fahrul Umar (F55118035) - M.Akbar Ismat ...

Breast Cancer: A Discussion with Caitlin R. Patten, MD - Breast Cancer: A Discussion with Caitlin R. Patten, MD 16 minutes - Douglas B. Evans, MD interviews Caitlin R. Patten, MD from the Department of Surgery at the Medical College of **Wisconsin**,.

Introduction

Risk Factors

Genetics

Surgery

Multidisciplinary care

Diagnosing breast cancer with AI // Coding for Medicine #3 - Diagnosing breast cancer with AI // Coding for Medicine #3 38 minutes - In this video, we learn how to use different machine learning techniques to **diagnose breast cancer**, based on histology features ...

Introduction

Downloading data from Kaggle

Import and explore data

Cleaning the data

Group input variables and explore correlations

Training the initial model

Assess performance of initial model

Confusion matrix

Other metrics: precision, recall, accuracy

Understanding different model types

Random Forrest

k-Nearest Neighbours

Support Vector Machines

Training different models

Tuning hyperparameters using Grid Search

Closing thoughts

UNIFEI - TinyML - IESTI01 2022.1 - Class 13a - Wisconsin Diagnostic Breast Cancer (WDBC) - UNIFEI - TinyML - IESTI01 2022.1 - Class 13a - Wisconsin Diagnostic Breast Cancer (WDBC) 33 minutes - UNIFEI - Machine Learning for Embedding Devices (TinyML) - IESTI01 2022.1 - Class 13a Course Repository - TinyML - Machine ...

LBCA LAT Coordinator, Kathleen Moss, shares her story with a Lobular Breast Cancer Diagnosis - LBCA LAT Coordinator, Kathleen Moss, shares her story with a Lobular Breast Cancer Diagnosis by Lobular Breast Cancer Alliance 1,208 views 10 months ago 39 seconds – play Short - LBCA LAT Coordinator, Kathleen Moss, shares her story with a Lobular **Breast Cancer Diagnosis**, as part of ...

Dense Breasts or Breast Cancer? - Dense Breasts or Breast Cancer? 11 minutes, 25 seconds - In this essential segment, Ashley Inda, a dedicated patient advocate, sheds light on the crucial connection between dense **breast**, ...

Dense Breasts or Breast Cancer?

The critical need for early detection and effective mammograms

Understanding the challenges women with dense breast tissue face

The legislative push for affordable screening methods

Breast Cancer Diagnosis Sets Runner on Different Path - Breast Cancer Diagnosis Sets Runner on Different Path 2 minutes, 16 seconds - A healthy 34-year-old runner, Adrienne Ridgeway did not fit the at-risk profile. Nonetheless, she went to see her doctor right away ...

Wisconsin Breast Cancer Survivor Stresses Importance of Mammograms - Wisconsin Breast Cancer Survivor Stresses Importance of Mammograms 1 minute, 31 seconds - Wisconsin, Wellness Matters. This moment brought to you by Discover **Wisconsin**, and WCA Group Health Trust.

Oncology | Breast Cancer | Nurse Navigator | Patient Story | Alison | Ascension Wisconsin - Oncology | Breast Cancer | Nurse Navigator | Patient Story | Alison | Ascension Wisconsin 31 seconds - <https://ascension.org/WisconsinCancerCare> A **cancer diagnosis**, can be overwhelming. With Ascension **Wisconsin Cancer**, Care, ...

Managing Breast Cancer Diagnosis Fears #breastcancer #shorts - Managing Breast Cancer Diagnosis Fears #breastcancer #shorts by Yerbba – Breast Cancer 578 views 2 years ago 30 seconds – play Short - Sign up to get your personalized Yerbba Report at: <https://app.yerbba.com/signup> Connect With Yerbba! WEBSITE: ...

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