

In this project, more unusual methods and algorithms such as XGBoost, Sweetviz, ... , are used to diagnose breast cancer and give us a better view of data science tools in Python.

The dataset of this project provided us with the information needed to diagnose cancer.

For this project, two logistic regression and random forest models have been used, and by optimizing them and plotting the full performance, we were able to fit the model to the data and by comparing them, we found the best model for this binary task.

Data download link:

[https://drive.google.com/file/d/1nUYKLphKaDM-m2iSTcXTZPvHMB-A77zu/view?usp=drive\\_link](https://drive.google.com/file/d/1nUYKLphKaDM-m2iSTcXTZPvHMB-A77zu/view?usp=drive_link) My

LinkedIn:

[www.linkedin.com/in/mohsenhassannezhad](https://www.linkedin.com/in/mohsenhassannezhad)

My github:

<https://github.com/MohsenHaNe>