



Home

Services

Features

About Us

Contact



INTRODUCTION TO

CONFUSION MATRIX

Presented by → Janvher Lucas Sarmiento



INTRODUCTION

Confusion Matrix

datagy.io

Predicted		
Actual	0	1
0	39	4
1	1	70

WHAT IS CONFUSION MATRIX?

It is a simple table that evaluates a classification model's performance by comparing the predictions to the actual result, wherein it thereby shows where it becomes right and where it proves wrong. With that, it helps us comprehend where our model is lacking and guides us in fixing and modifying our model for improvement, thereby making it more correct than the prior version of the model.



CONFUSION MATRIX

The table breaks down the predictions into **4 components:**

True Positive [TP]

A model predicted an outcome that is positive wherein the actual outcome is also positive

False Negative [FN]

The model incorrectly predicted a negative outcome i.e the actual outcome was positive. It is also known as a Type II error

False Positive [FP]

The model incorrectly predicted a positive outcome i.e the actual outcome was negative. It is also known as a Type I error

True Negative [TN]

A model correctly predicted a negative outcome i.e the actual outcome was negative

[Home](#)[Services](#)[Features](#)[About Us](#)[Contact](#)

HOW CONFUSION MATRIX WORKS



[Home](#)[Services](#)[Features](#)[About Us](#)[Contact](#)

REFLECTION





Home

Services

Features

About Us

Contact



THANK YOU