Artwork/Project Title
Data Mining on Titanic

Year Accomplished

2021

Role/Position
Data Scientist

Publication Link
https://github.com/belindamutiara/Portofolic

Artwork/Project Description

For my final semester 1 project, I focused on performing explanatory data analysis on the Titanic dataset. The primary objective was to process the data to ensure its readiness for modeling. To achieve this, I began by importing the necessary libraries and conducting a thorough data overview. Then I proceeded to handle missing values by filling them appropriately. Additionally, I normalized the data and removed any outliers that could potentially affect the analysis. To enhance the understanding of the data, I did various data visualization techniques. Through these steps, I ensured that the dataset was properly prepared for further modeling and analysis.
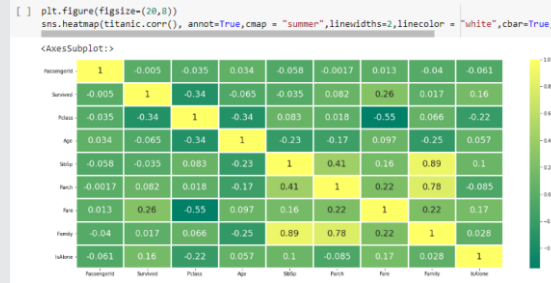

Figure 1 Correlation Matrix

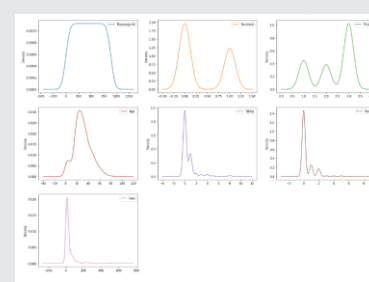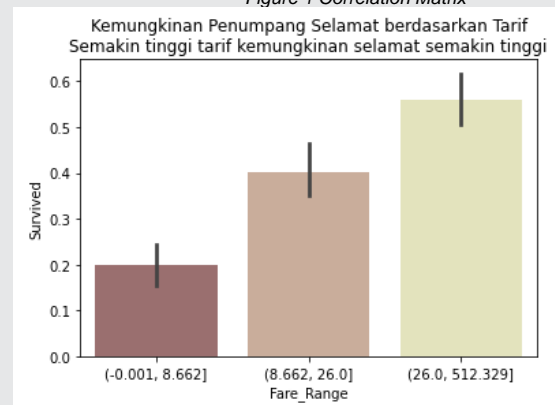*Figure 2 Data Distributions*

Figure 3 Data Info

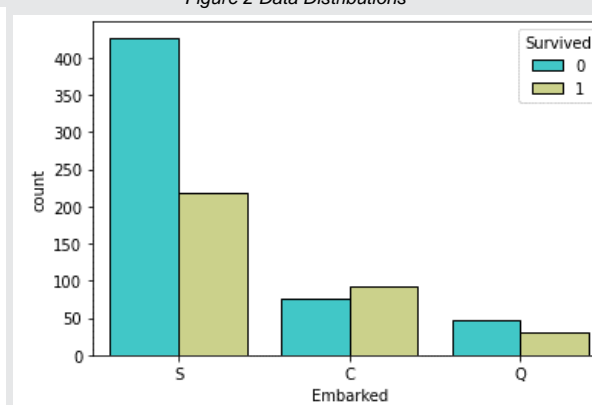*Figure 4 Relationship between Survive Chance and Fare*

Figure 5 Relationship between Survive Chance and Embarked

Figure 6 Relationship between Survive Chance and Title
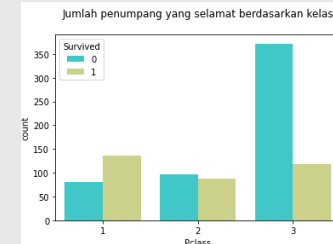

Figure 7 Relationship between Survive Chance and isAlone
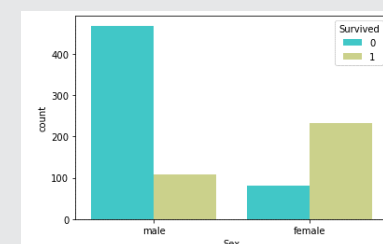

Figure 8 Relationship between Survive Chance and PClass

Figure 9 Relationship between Survive Chance and Sex

Belinda Mutiara

BINUS Students 5th Semester

belinda.mutiara@binus.ac.id

phone: 0812 8308 7870
line: belinda.mutiara
linkedin: **www.linkedin.com/in/belinda-mutiara**