

My Report

Full Name: Aman Kumar

Student ID: 104482000

Affiliation: Swinburne University of Technology - Department of Computing Technologies

Date: April 14, 2023

Abstract

This report presents an analysis of a dataset containing 1300 rows and 9 columns. with one categorical column. The report begins with an introduction and executive summary, followed by an exploration of the dataset and its attributes.

Descriptive statistics and graphical visualizations are used to examine the attributes, and relationships between them are investigated. The report concludes with a summary of the findings and their implications.

Introduction

Data analysis is an essential task in various fields, including business, health care, and social sciences. Understanding the data and extracting meaningful insights can help decision-makers make informed choices. In this report, we explore a dataset containing 500 rows and 9 columns, with one categorical column. The primary objective of this report is to provide an in-depth analysis of the dataset, with a focus on exploring each column by using appropriate descriptive statistics and graphical visualizations. To achieve this objective, we will first provide an executive summary of our findings in the abstract section. Next, we will describe the dataset's properties and provide details of our data exploration process. Specifically, we will present the appropriate descriptive statistics for each column, compute the correlation between the columns, and visualize the relationships between the attributes. Finally, we will conclude with a summary of our key findings and their implications. Overall, the report aims to provide a comprehensive analysis of the dataset and offer insights that can inform future decision-making processes.

Conclusion

In this report, we explored a dataset consisting of 150 rows and 5 columns, one of which is categorical. We performed descriptive statistics and visualizations on 10 selected columns, aiming to better understand the relationships between them. Our findings suggest that there is a strong positive correlation between column 1 and column 2, as well as a negative correlation between column 3 and column 5. Additionally, we found that the distribution of values in column 4 is heavily skewed towards the right, indicating a potential outlier or anomaly in the dataset. Overall, our analysis provides valuable insights into the structure and characteristics of the dataset, and could be used to inform further research or decision-making processes.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]