

TITLE(HEADING)

| Your Name | Enrolment Id |

Submission Date:

ABSTRACT

The abstract is a succinct summary of a research paper, typically comprising the introduction, research objective, methods employed, major findings, and their implications. It serves as a concise preview, allowing readers to quickly grasp the study's purpose, methodology, and key outcomes. A well-crafted abstract provides a snapshot of the research, aiding readers in deciding whether the full paper aligns with their interests. It is crucial to maintain clarity, conciseness, and accuracy within a limited word count, usually ranging from 150 to 250 words. Keywords are often included to highlight the primary focus of the study.

I. INTRODUCTION

The introduction sets the stage for the research by presenting the background and context of the study. It defines the scope, objectives, and significance of the research, posing specific questions that the study aims to address. The methodology is briefly outlined, offering insights into the approach taken. The introduction concludes by providing a roadmap for the paper, previewing the subsequent sections' structure.

II. METHODOLOGY

Methodology in a research context refers to the systematic and theoretical framework employed to conduct a study or investigation. It encompasses the overall approach, techniques, and procedures used to gather, analyse, and interpret data. Methodology outlines the steps taken to answer research questions, test hypotheses, or achieve specific objectives. It often includes details about the study's design, data collection methods, sampling strategy, and data analysis techniques. The goal of a well-defined methodology is to ensure the reliability, validity, and replicability of the research findings. Depending on the nature of the study, methodologies can vary, such as qualitative, quantitative, mixed methods, experimental, observational, or case study approaches.

You can include methodology for the workflow, Data Collection, Data Cleaning.

III. DATASET ANALYSIS

Exploratory Data Analysis:

Explain about the EDA in brief with the images or the output that you get which should be in a meaningful manner as asked in the documentation.

Give your results with the visualizations in this section with proper explanation.

-----Paste your code with explanation from here-----

IV. RESULTS AND DISCUSSION

In the "Results and Discussion" section, you should include the key findings derived from your exploratory data analysis. This involves presenting the results of your statistical analyses, visualizations, and any patterns or trends observed in the data. For each major finding, provide a detailed explanation and interpretation. Discuss how these findings align with your research questions or hypotheses.

Additionally, address any unexpected or unusual observations and offer possible explanations. Compare your results with existing literature or prior studies in the field. Explore the practical implications of your findings and consider their broader relevance. It's important to acknowledge the limitations of your study, such as any constraints in the data, potential biases, or methodological issues. Discuss how these limitations might impact the validity and generalizability of your results.

Finally, provide a cohesive narrative that ties together your results and their implications. Consider the broader context and significance of your findings within the scope of your research. If applicable, suggest directions for future research based on the gaps or unanswered questions identified during your analysis.