

AMS 595 Group Project

December, 2024

1 Introduction

1.1 Background

data source, how the survey is done, how the data is collected,

1.2 Objective

our goal of this project

2 Data Preprocessing

2.1 Data Description

what are gas gaf fiq ses (measures we used in the code)

2.2 Data Cleaning

maybe this part is unnecessary

2.3 Descriptive Statistics

could put the demographics table here

3 Code Implementation and Results

3.1 Model 1

3.1.1 Choice of Model

why this model

3.1.2 Training Process

3.1.3 Model Evaluation

accuracy, R^2 , MSE, etc.

3.2 Model 2

3.2.1 Choice of Model

why this model

3.2.2 Training Process

3.2.3 Model Evaluation

accuracy, R^2 , MSE,etc.

4 Discussion

4.1 Results Analysis

4.2 Model Limitations and Challenges

4.3 Potential Improvements

5 README