

# Title

**Ghanashyam Khanal**

Department of Physics and Astronomy  
Rutgers University  
Piscataway, NJ, USA

September 26, 2021

## Contents

<b>1</b>	<b>Introduction</b>	<b>2</b>
<b>2</b>	<b>Data Preprocessing</b>	<b>2</b>
2.1	Data Transformation . . . . .	2
2.2	Feature Engineering . . . . .	2
2.3	Encoding the Categorical Variables . . . . .	2
2.4	Handling the Missing Data . . . . .	2
<b>3</b>	<b>Methods</b>	<b>2</b>
<b>4</b>	<b>Results</b>	<b>2</b>
<b>5</b>	<b>Challenges</b>	<b>2</b>

# **1 Introduction**

some intro

## **2 Data Preprocessing**

Before doing any data visualization we set 20% of the data as a test data to validate the model performance.

### **2.1 Data Transformation**

### **2.2 Feature Engineering**

### **2.3 Encoding the Categorical Variables**

### **2.4 Handling the Missing Data**

## **3 Methods**

## **4 Results**

## **5 Challenges**