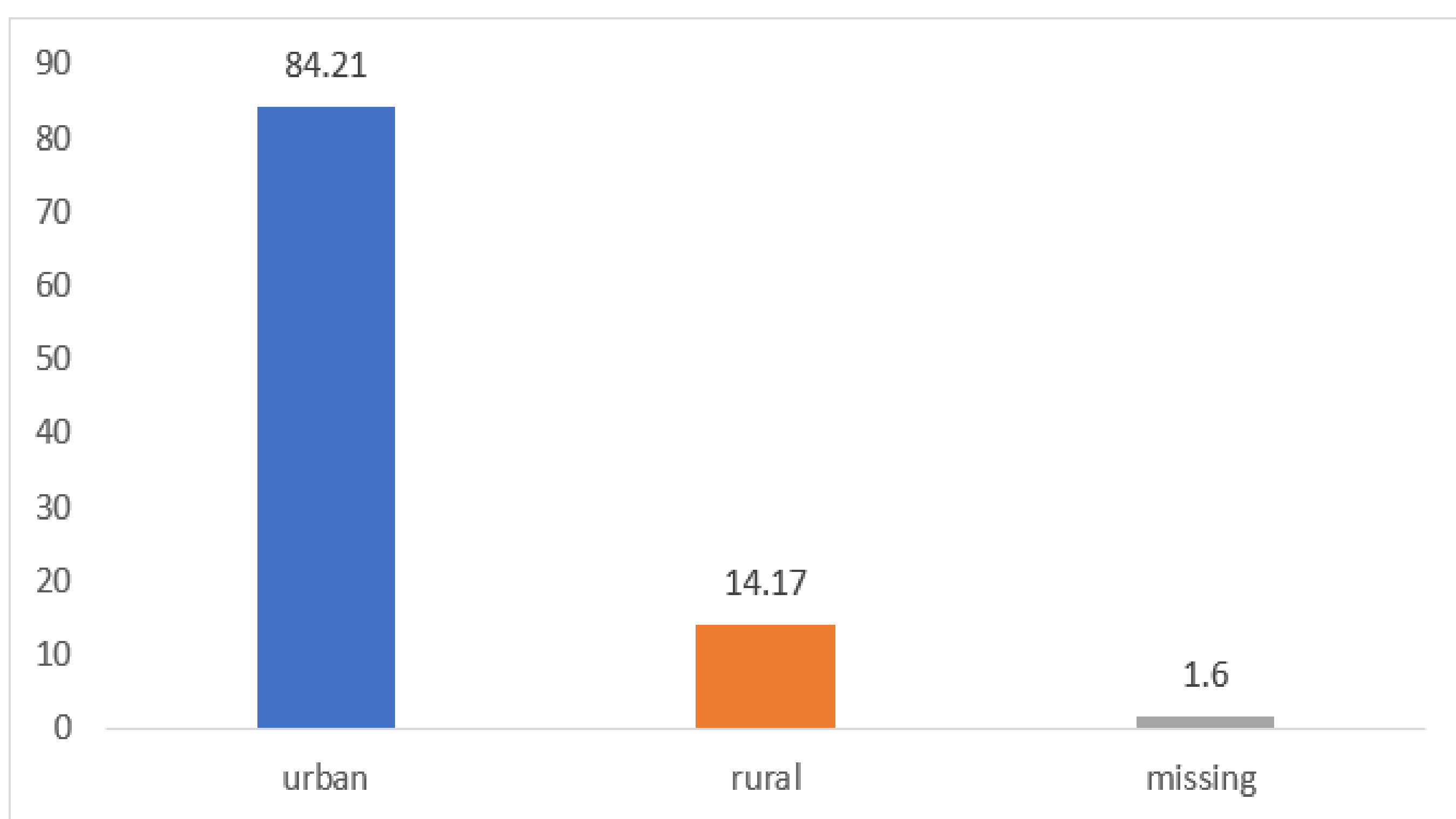


# My Research shows that 40% of Urban Residents are Mentally Depressed

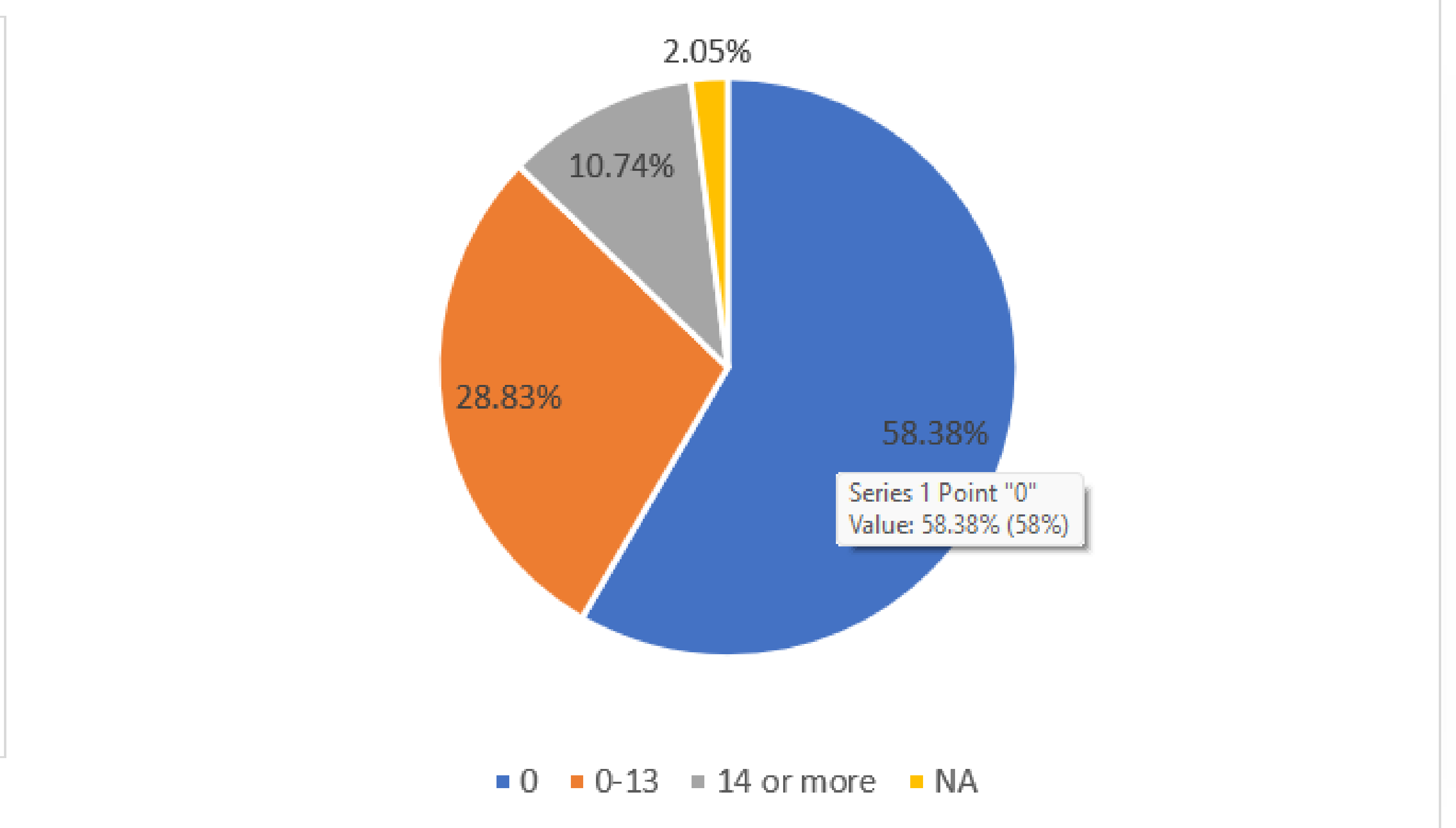
## Title: Mental Health Prediction Analysis

**Background:** Using Machine Learning Model (Random Forest) on demographic and medical condition data of 80,000 respondents to predict the likelihood of mental health crisis.

**84% of Respondents are based in an Urban City.**



**39.5% of Respondents stated Bad Mental Health within 30 days.**



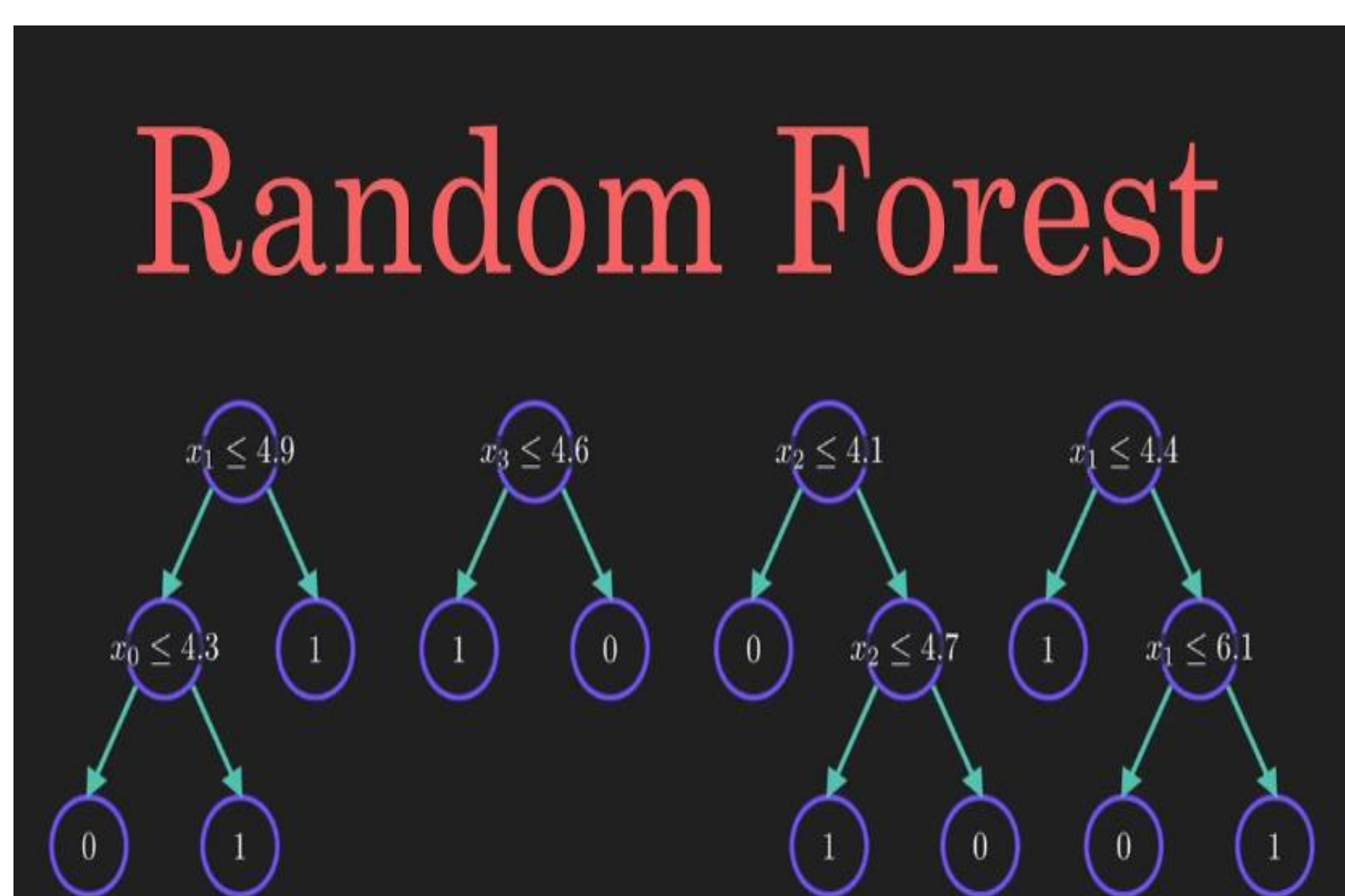
## Methods

Random Forest Machine Learning Model

## Data Source

Kaggle Dataset

**1** Model Building and Specification.



**2** Classification Problem

	Positive	Negative	Total
Trained Data	39,947 (49.93%)	40,053 (50.07%)	80,000
Classification Data	9,219 (46.09%)	10,781 (53.91%)	20,000

**Limitation:** Accuracy level was 70%. Secondly, data might not be well represented.