

# Can Machine learning be used to predict bipolar states with different types of input data?

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# **Abstract**



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# Preface



## **Part I**

# **Introduction**





# Chapter 1

## Introduction

### 1.1 Motivation

Ways to use the results of this study?

### 1.2 Thesis overview

[Fill in later]



## Chapter 2

# Background

Identifying the problem...

### 2.1 Bibolar disorder

Some description about bipolar disorder...

### 2.2 Machine learning

Some description about machine learning in general...

### 2.3 Machine learning strategies

#### 2.3.1 Supervised learning

#### 2.3.2 Unsupervised learning

#### 2.3.3 Semi-supervised learning

### 2.4 Machine learning approaches

#### 2.4.1 Decision tree learning

#### 2.4.2 Reinforcement learning

#### 2.4.3 Neural networks

- General idea
- Deep learning

### 2.5 How to solve the problem

How I can solve the problem described in the beginning of this chapter...

## **2.6 Related work**

List related work and discuss...

## **2.7 Challenges**

Describe some challenges...

## **2.8 Ethical concerns**

Describe some ethical concerns...

# **Part II**

## **Theproject**



## **Chapter 3**

# **Planning the project**





## **Part III**

# **Conclusion**



## **Chapter 4**

# **Results**

