

# Abstract

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# Chapter 1

## Introduction

### 1.1 Motivation

### 1.2 Aims

### 1.3 Methodology

# Chapter 2

## Literature Review

The following section aims to give a general overview of the current state of research towards the topics of predictions in the focus area of fantasy sports leagues, as well as the influence of betting odds.

# Chapter 3

## SPITCH

### 3.1 General

### 3.2 Game Rules

### 3.3 Scoring System

### 3.4 Competitors

# Chapter 4

## Data

### 4.1 Used Data

### 4.2 Descriptive Analytics

### 4.3 Data Preparation

# Chapter 5

## Modelling

### 5.1 Optimization

### 5.2 Prediction



# Chapter 6

## Machine Learning

### 6.1 Feature Selection

### 6.2 Model Selection

### 6.3 Model Training

# Chapter 7

## Evaluation

### 7.1 Combinatorial Model

### 7.2 Machine Learning Model

### 7.3 Performance Comparison

## Chapter 8

## Conclusion

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## Source Code







# Appendix A

## A.1 Diagrams

## A.2 Tables

## A.3 Screenshots

## A.4 Graphs

# Decleration of Authenticity

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Jakob Heine