Report Title

REPORT SUBTITLE

Name, Student number

Name, Student number

Name, Student number

Name, Student number

Contents

[Executive summary 2](#_Toc509329443)

[Introduction 2](#_Toc509329444)

[Data 2](#_Toc509329445)

[Predictive model and results 2](#_Toc509329446)

[Prescriptive model and results 2](#_Toc509329447)

[Discussion and managerial implications 3](#_Toc509329448)

# Executive summary

One-page description of the problem, your solution methods, and your decision recommendations; preferably one paragraph per each.

# Introduction

* Motivation
* Problem description
* Objectives and expected results

# Data

* Description of raw data
* Description of preprocessing (handling of missing values, transformations to other variable types etc.). NB! Make sure that the transformation you do are suitable for the given data types. Also if you e.g., apply scaling, explain your reasons for doing so and explain the possible impacts on subsequent modeling steps.
* Descriptive statistics (e.g., appropriate visualizations)

# Predictive model and results

Describe clearly your methods for building the predictive model. Show and explain your results.

* Sports case: subtasks (a)-(d)
* Finance case: subtasks (1)-(2)

# Prescriptive model and results

Formulate and solve the optimization problem. Show and explain your results.

* Sports case: subtasks (e)-(f)
* Finance case: subtasks (4) and Bonus task

# Discussion and managerial implications

Summarize your results, discuss the limitations of your approach, and reflect on the business opportunities created by your solution (if any).

* Sports case: subtask (g) + questions related to the case on slide 40 of lecture 5
* Finance case: subtask (5) + questions related to the case on slide 40 of lecture 5

NB! The length of the main text of your report should not exceed 15 pages. The main text should include all figures and possibly parts of tables that are relevant to be able to follow your solution idea.

Additional figures and tables can be placed in the appendix, the length of which should not exceed 5 pages. The appendix should not contain any text outside Figure or Table captions. Only material that is referred to in the main text should be included. Note that including appendices is by no means necessary.