## **Data Science Platforms**

Data Science, WiSe 21/22

Prof. Dr. P. Erdelt



# Berliner Hochschu für Technik

## **⊳ Exercise 1: RapidMiner - Basics**

#### This exercise

- ► covers the basic data management in RapidMiner Studio
- covers the basic modeling in RapidMiner Studio

## 1. Task: Prepare for RapidMiner Studio

- a) Apply for an Educational License using your Beuth email address: https://my.rapidminer.com/nexus/account/index.html#licenses/request https://rapidminer.com/get-started-educational/
- b) Insert your license key into every RapidMiner Studio instance you want to use (including the lab).

### 2. Task: Run some tutorials ...

about RapidMiner Studio¹:

- 1. Open RapidMiner Studio
- 2. Click on new process
- 3. Click on learn
- a) Get started (8 tutorials)
- b) Build a model (first 2 tutorials)
- 3. Task: Watch some videos ...

about RapidMiner Studio: https://rapidminer.com/training/videos/

- a) GUI Intro
- b) Visualizing Data
- c) Data Access and Preparation (Loading Data, Importing Data and Data Preparation)
- d) Machine Learning (Creating, Applying and Testing a Model)

<sup>&</sup>lt;sup>1</sup>You do not have to do all extras in the tutorials