

Exercise 2: Data exploratory

September 30, 2021

1. From the list of companies and market index that you have selected: Analyze the relationship between the daily returns and the value of one feature.
 - Do we see a strong correlation?
 - Can you generate new (computed) feature?
 - which daily return pattern implies the presence of a given pattern?
2. Using the titanic dataset:
 - What is the relationship between predictors(class, age) and survival?
 - What was the survival rate of women?
 - What is the variation of survival rate based on number of siblings the passenger had on the ship?
 - What is the variation of survival rate based on number of parents/children the passenger had on the ship?