**Introduction**

**Motivation**

The principal motivation for this analysis is to apply what we have been learning in Machine learning into the analysis of Covid cases, making the predictions of the positive cases of Covid during the very beginnings of the pandemic in Europe Region. To know the number of positive cases was primordial since there were many people affected that needed medical services and treatments.

**Business understanding**

**Business Description**

**Research Question**

**General goal**

**Success criteria/indicators**

**Technologies used**

**Models and machine learning algorithms**

**Libraries**

**Accomplishment Data**

**Source**

**Attributes**

**Dimensions**

**Missing Values**

**Descriptive Statistics and Data Visualization**

**Correlation:**

**Data Preparation and Preprocessing**

**Normalizing the data**

**Splitting the data**

**Dimensionality Reduction**

**Feature Engineering**

**Models**

**Machine Learning Models**

**Results**

**Conclusion**

**Appendix**

**Appendix 1: Data Dictionary**

**Appendix 2: CRISP-DM - Part 1**

**Appendix 3: CRISP-DM - Part 2**

**Team Collaborations**

**Mijail Blanco’s Collaboration**

**Emily Herbas Collaborations**

**References**