Big-Five Factor Markers

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**Table of Contents**

[1. Introduction 1](#_Toc42270843)

[2. Data Mining Process 1](#_Toc42270844)

[2.1. Business Understanding 1](#_Toc42270845)

[2.2. Data Understanding 1](#_Toc42270846)

[2.3. Data Preparation 1](#_Toc42270847)

[2.4. Modelling 2](#_Toc42270848)

[2.4.1. Choice of Algorithm 2](#_Toc42270849)

[2.4.2. Training 2](#_Toc42270850)

[2.5. Evaluation 2](#_Toc42270851)

[2.5.1. Choice of Metrics 2](#_Toc42270852)

[2.5.2. Testing 2](#_Toc42270853)

[3. Conclusion 2](#_Toc42270854)

[4. References 2](#_Toc42270855)

**Table of Figures**

[Figure 1. CRISP-DM Methodology. 1](#_Toc42271388)

**List of Tables**

No table of figures entries found.

# Introduction

# Data Mining Process

This phase involves the selection of a data mining strategy, which

*Cross-Industry Standard Process for Data Mining* (CRISP-DM) is the most commonly used methodology for analytics, data mining and data science projects [1]. CRISP-DM methodology guides the data scientist through.

The Figure 1 shows the CRISP-DM Methodology.

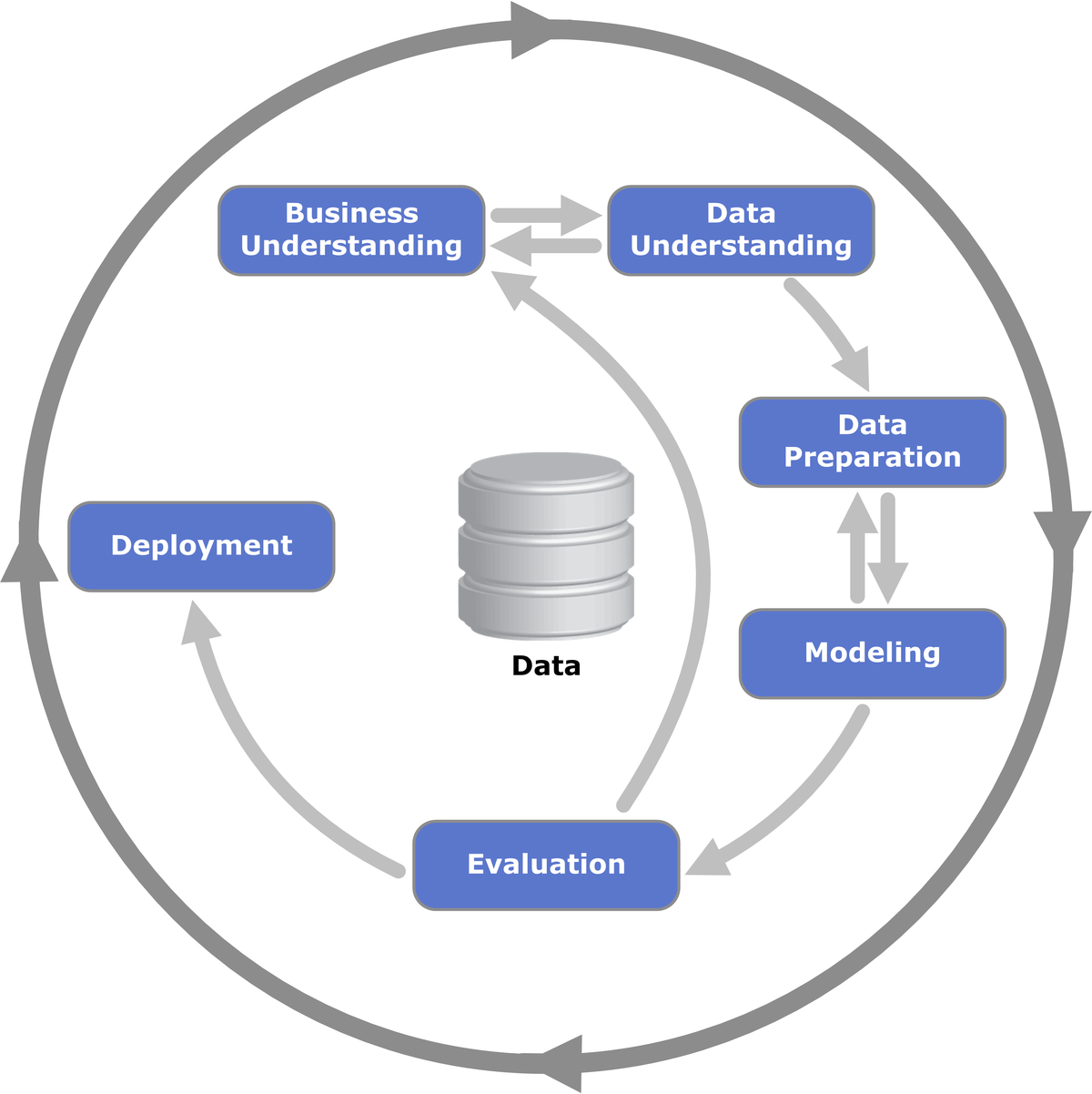


Figure 1. CRISP-DM Methodology.

## Business Understanding

## Data Understanding

## Data Preparation

This phase is aimed to detect and remove any sample or variable which has a significant ratio of corrupted values. Thus, missing values and inconsistent data will be either filled or ignored. The fig illustrates an approach to data cleansing [2].

## Modelling

### Choice of Algorithm

### Training

## Evaluation

### Choice of Metrics

### Testing

# Conclusion

# References

[1] M. F. Hornick, E. Marcadé, and S. Venkayala, “Chapter 3 - Data Mining Process,” in *The Morgan Kaufmann Series in Data Management Systems*, M. F. Hornick, E. Marcadé, and S. B. T.-J. D. M. Venkayala, Eds. Burlington: Morgan Kaufmann, 2007, pp. 51–83.

[2] K. K. Al-jabery, T. Obafemi-Ajayi, G. R. Olbricht, and D. C. Wunsch II, “2 - Data preprocessing,” K. K. Al-jabery, T. Obafemi-Ajayi, G. R. Olbricht, and D. C. B. T.-C. L. A. to D. A. in B. A. Wunsch II, Eds. Academic Press, 2020, pp. 7–27.