Statistics Notes

Your Name

January 17, 2024

1 Introduction

Statistics is the study of data collection, analysis, interpretation, presentation, and organization. It involves various concepts such as sets, probability, groups, etc.

2 Sets

A set is a collection of distinct elements. It can be represented using set notation, such as $A = \{a, b, c\}$, where a, b, and c are the elements of the set A.

3 Probability

Probability is a measure of the likelihood of an event occurring. It is represented as a number between 0 and 1, where 0 indicates impossibility and 1 indicates certainty.

4 Graphs
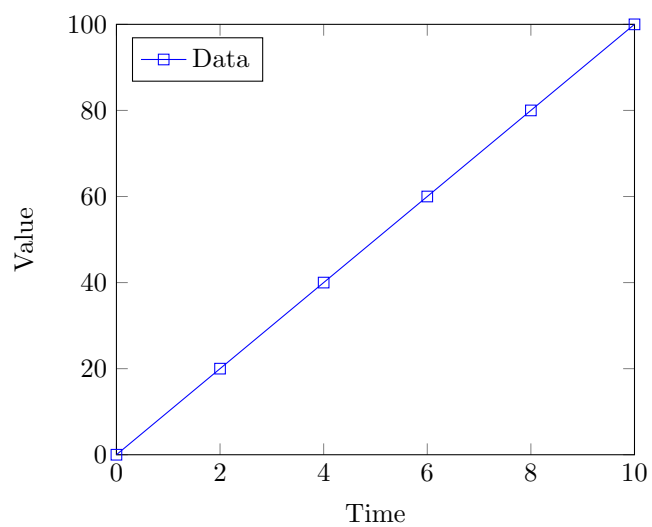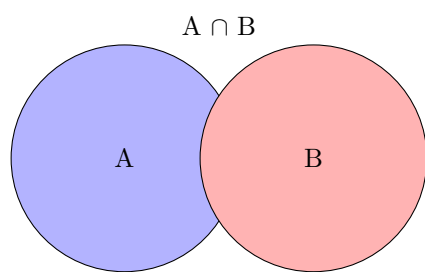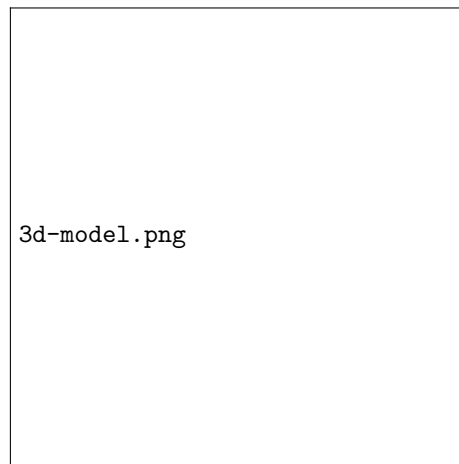
5 Venn Diagrams

6 3D Models

Figure 1: Example line graph

A ∩ B

Figure 2: Example Venn diagram

Figure 3: Example 3D model