INTRODUCTION

The purpose of this study is not to delve deeply into the technical aspects of data mining but to provide a general overview of the subject. However, in order to be able to decide when one techniques is called for, or when another would be more suitable, at least a basic understanding of not only the different data mining tasks are required, but also of the most important data mining techniques and algorithms. Highlight three basic data mining techniques as being very important since they are implemented in the majority of commercial software applications. They also cover a wide range of data mining situations. The most commonly used undirected data mining technique that will be discussed in the following section is:

- Automatic cluster detection. Two of the most commonly used directed data mining techniques that will be discussed in the following sections are:
  - Decision trees.
  - Neural networks.