1. *Web mining* is the application of data mining technologies to huge

Web data repositories. Basically, there are two domains that pertain to Web

mining: Web content mining and Web usage mining.

2. a Web access pattern is a sequential pattern in a large set of

pieces of Web logs, which is pursued frequently by users. Some research efforts

try to employ techniques of sequential pattern mining [2], which is mostly based

on association rule mining [1], for discovering Web access patterns from Web logs.

3. *a sequence database where each sequence is a list of transactions ordered by transaction*

*time and each transaction consists of a set of items, find all sequential*

*patterns with a user-specified minimum support, where the support is the number*

*of data sequences that contain the pattern.*

*4.*