

Chapter 20 ¹

SOME FUTURE TRENDS IN DATA MINING

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Abstract: This chapter considers four key data mining areas which seem to have a promising future. These areas are: web mining, visual data mining, text data mining, and distributed data mining. The reason of their importance is to be found in the valuable applications they can support but also in the proliferation of the web and in the dramatic improvements in computing and storage media. Although they are currently limited by certain impediments, their future looks very exciting.

Key Words: Data Mining, Web Mining, Visual Data Mining, Text Data Mining, Distributed Data Mining, Obstacles in Data Mining Research and Applications.

¹ Triantaphyllou, E. and G. Felici (Eds.), **Data Mining and Knowledge Discovery Approaches Based on Rule Induction Techniques**, Massive Computing Series, Springer, Heidelberg, Germany, pp. 695-716, 2006.