

CHAPTER 32

MATHEMATICAL SCIENCES COMPUTER SCIENCE

Doctoral Theses

273. KOCHHAR (Sarabjeet Kaur)
Towards Characterization of the Data Generation Process in Evolving Datasets.
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Abstract

Draws attention of the data mining community towards the task of characterizing the data generation process underlying an evolving database. The work is based on the hypothesis : Study of changes in the pattern mined over a defined span of time will yield an insight into the evolution of DGP.

Contents

1. Introduction.
2. A framework for DGP characterization.
3. Modeling support changes in streaming itemsets.
4. Characterizing consistency of the data generation process.
5. The SI-CHAR system.
6. Case studies.
7. Related work.
8. Conclusion. Bibliography.