

Data Mining: Concepts and Techniques, Third Edition

Instructor Support

Sample Exam and Homework Questions

Jiawei Han, Micheline Kamber, Jian Pei

The University of Illinois at Urbana-Champaign

Simon Fraser University

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Preface

To help instructors to teach their courses, we present a set of exam and homework questions used in the last several years in our teaching of data mining courses. These include the following set of materials:

1. Midterm and final exam questions for the course “CS 412: An Introduction to Data Mining”, offered in the Department of Computer Science, The University of Illinois at Urbana-Champaign
2. Midterm exam questions for the course “CS 512: Data Mining: Principles and Algorithms”, offered in the Department of Computer Science, The University of Illinois at Urbana-Champaign
3. Ph.D. Qualifying exam questions for the Data Mining Section, tested in the field of “Data and Information Systems (DAIS)”, in the Department of Computer Science, The University of Illinois at Urbana-Champaign
4. Homework questions in the course “CS 412: An Introduction to Data Mining”, offered in the Department of Computer Science, The University of Illinois at Urbana-Champaign
5. Homework questions in the course “CS 512: Data Mining: Principles and Algorithms”, offered in the Department of Computer Science, The University of Illinois at Urbana-Champaign

We also presented some of the “standard” answers to the midterm and final exam questions when available. For the answers to other questions, instructors may work out independently.

You are welcome to enrich this manual by suggesting additional interesting exercises and/or providing more thorough, or better alternative solutions.

While we have done our best to ensure the correctness of the solutions, it is possible that some typos or errors may exist. If you should notice any, please feel free to point them out by sending your suggestions to *hanj@cs.uiuc.edu*. We appreciate your suggestions.

Notes to the current release of the solution manual.

Due to the limited time, this release of the instructor support is a preliminary version. We have not included the set of homework questions yet. The

homework questions in the current year and the last year can be founded from our course web-sites. We apologize for the inconvenience. We will incrementally add answers to those questions in the next several months and release the new versions of updated solution manual in the subsequent months.

Acknowledgements

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