BO-B (Key Readings for Book Chapter)

1. Efficient Query Processing on Spatial Networks
   Jagan Sankaranarayanan, Houman Alborzi, and Hanan Samet
   Center for Automation Research, Institute for Advanced Computer Studies Department of Computer Science, University of Maryland.

2. Query Processing in Spatial Network Databases
   Dimitris Papadias, Department of Computer Science Hong Kong University of Science and Technology Clearwater Bay, Hong Kong, Jun Zhang, Department of Computer Science, Hong Kong University of Science and Technology, Clearwater Bay, Hong Kong, zhangjun@cs.ust.hk, Nikos Mamoulis, Department of Computer Science and Information Systems, University of Hong Kong Pokfulam Road, Hong Kong, nikos@csis.hku.hk, Yufei Tao, Department of Computer Science, City University of Hong Kong, Tat Chee Avenue, Hong Kong, taoyf@cityu.edu.hk

3. Agent-based Spatial Query Optimization in a Grid Environment
   Yufei Bai, Xiujun Ma, Kunqing Xie, Cuo Cai, Ke Li Department of Machine Intelligence Key Laboratory of Machine Intelligence (MOE) Peking University Beijing, 100871, China {baiyufei, maxj, kunqing, ccai, like}@cis.pku.edu.cn

4. Models and Optimization Methods of Spatial Query on Multi-Platforms
   Chunhui Zhou LIESMARS, Wuhan University, Wuhan, China zch888email@gmail.com
   Xinyan Zhu LIESMARS, Wuhan University, Wuhan, China geozy@263.net
   Qianqing Qin LIESMARS, Wuhan University, Wuhan, China qqqin@lmars.whu.edu.cn

5. Top-k Queries on Uncertain Data: On Score Distribution and Typical Answers
   Tingjian Ge Computer Science Department Brown University Providence, RI, USA tige@cs.brown.edu
   Stan Zdonik Computer Science Department Brown University Providence, RI, USA sbz@cs.brown.edu
   Samuel Madden CSAIL MIT Cambridge, MA, USA madden@csail.mit.edu

6. Deep integration of spatial query processing into native RDF triple stores
   Andreas Brodt Universität Stuttgart, Universitätsstraße 38 70569 Stuttgart, Germany brodt@ipvs.unistuttgart.de
   Daniela Nicklas Carl von Ossietzky Universität Oldenburg 26111 Oldenburg, Germany dnicklas@acm.org
   Bernhard Mitschang Universität Stuttgart, Universitätsstraße 38 70569 Stuttgart, Germany mitschang@ipvs.unistuttgart.de

P1: Project Questions

- Survey paper on Spatial Data warehouses and spatio temporal data warehouses.
- How can social networking websites help in disaster management from a spatial perspective?
- Data mining suites like Weka as of now do not have extension to spatial data mining techniques. Can we extend it to include these algorithms?