

Aalto-yliopisto
Maanmittaustieteiden laitos
Professori Kirsi Virrantaus

Maa-123.3580 Spatial Data Mining

Tentti 13.1.2011

1. What means graph data mining? Give an example of a graph data mining method and describe what kind of knowledge you get as a result.
2. Explain the idea on association rules data mining. How you can apply the methods for spatial data?
3. What is trajectory data? How can you mine trajectory data? Give one example.
4.
 - a. Describe the main steps of k-means clustering algorithm.
 - b. Explain the use of spatio-temporal cube and 3d Kernel density method in trajectory data mining.