Semester Summary

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Topical Trajectory Pattern Mining

• Joint work with Younghoon
• A new topical clustering problem in the trajectories of geo-tagged text messages
• A probabilistic model to capture
  – the latent topical locations where people post messages with a coherent topic
  – the diverse patterns of movement between the latent topical locations based on the observation that people may visit a location with various purposes
• Submitted to SDM 2015
Others

• Read some papers about temporal and spatial data mining, including expert recommendation.
• 1 Paper review of ICDE 2015
• NIH Proposal Reviews
• CS 591 Seminar
• ESL 502