Special Topics in Computer Engineering: Introduction to Web Mining

Course Introduction

Instructor: Ass. Prof. Dr. Mehmet Aktaş

course group  e-mail: ce-introduction-to-web-mining@@googlegroups.com
Course Information


- **Course Website:** http://www.yildiz.edu.tr/~aktas/courses/CE-0114890

- **Time & Place:** Fridays - 9:00pm - 12:00 pm, D106
Purpose of the Course

- Web mining Knowledge:
  - To introduce you basic web mining concepts

- Computer Science Skills:
  - To do literature survey, read research papers, present a paper in the class
Course Plan

- I will give the basics on web mining
  - Overview web mining concepts
  - Discuss research related issues

- You are expected to
  - Attend the class (70% attendance required)
  - Understand the basic web mining concepts
  - Read research papers, present a paper in the class
  - Read the studied chapters and do the homework(s)
Course Outline (tentative)

- Introduction
- Data Mining Foundations
  - Association Rule Mining
  - Supervised Learning
  - Unsupervised Learning
- Web Mining Topics
  - Information Retrieval and Web Search
  - Link Analysis
  - Web Crawling
  - Data Extraction
  - Information Integration
  - Opinion Mining and Web Usage Mining
Grading Policy (tentative)

- Attendance: 5%
- Homework(s): 15%
- Midterm: 20%
- Paper Presentation: 20%
- Final: 40%
Course Schedule (tentative)

- February, March
  - Overview of web mining concepts
  - Midterm exam (29.3.13-5.4.13)
  - Homework(s)
- April
  - Class paper presentations (3-4 weeks)
  - Last day for classes (25.5.13)
- May
  - Final exam (27.5.13-8.6.13)