Contact Information:

<table>
<thead>
<tr>
<th>Office: By Appointment</th>
<th>Department Office: Dunn Hall 375</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone:</td>
<td>Department Phone: 901-678-5465</td>
</tr>
<tr>
<td>Email: <a href="mailto:mnolen@memphis.edu">mnolen@memphis.edu</a> or <a href="mailto:Mnolen9@gmail.com">Mnolen9@gmail.com</a></td>
<td>Grader/TA: none</td>
</tr>
<tr>
<td>Class Slides: OneDrive or Google Drive Link to be provided later</td>
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Office Hours:
By Appointment

Lecture Meeting Times/Locations:
7:10 - 8:35 Tues/Thurs Dunn 109

Catalog Description:

COMP 4/6118 – Introduction to Data Mining
An introductory exploration of data mining. Topics include data preparation and preprocessing; association rules; classification; clustering; dimension reduction; recommendation engines; mining social network graphs.

Course Text:
“Data Mining Concepts and Techniques 3rd Edition” By Jiawei Han, Micheline Kamber, Jian Pei

Attendance:
Attendance doesn’t officially count towards your final grade, but it’s crucial that you attend class regularly. Announcements and assignments will be made in class but not necessarily through email.

Email:
Please check your University of Memphis email account at least once a day, as that is my primary means of communicating with you outside of class.

Student Disabilities:
If you have a disability that may require assistance or accommodations, or if you have any questions related to any accommodation for testing, note taking, reading, etc., please speak with me as soon as possible. You must contact the Student Disability Services Office (678-2880) to officially request such accommodations / services.

Evaluation:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Mid Term Exam</td>
<td>25%</td>
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<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
<tr>
<td>Home Work</td>
<td>50%</td>
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Grading Scale: Letter grades will be determined as follows:

A+: 96-100%; A: 90-95%
B+: 87-89%; B: 81-86%; B-: 79-80%
C+: 77-78%; C: 71-76%; C-: 69-70%
D+: 67-68%; D: 60-66%
F: Below 60%
Tentative Course Schedule:

From the Book we will cover the following (in this order)

- Chap 1. Introduction
- Chap 2. Getting to Know your Data
- Chap 3. Preprocessing
- Chap 4. Data Warehouse
- Chap 6. Mining Frequent Patterns
- Chap 5. Data Cube Technology
- Chap 8. Classification: Basic Concepts
- Chap 10. Cluster Analysis: Basic Concepts and Methods
- Chap 12. Outlier Detection

Addition talks if time permits

- Text Mining

Important dates

First day of class Jan. 21th
Mid Term Review March 3rd
Mid Term March 5th
Spring Break March 9 – 15, No Class on the 10th and 12th
Last Day of class April 28th
Study Day April 30th
Final exam May 5th at 7:00 pm