Data Mining Assignment 1

Identify a problem from your own experience that you think would be amenable to data mining. For that problem describe:

**1. What the data is.**

In YouTube, when I was watching videos regarding mobile reviews, in recommendations it displays some irrelevant video which aren't of my interests.

**2. What type of benefit you might hope to get from data mining.**

I hope it should provide all sorts of information regarding user response and it should also maintain some privacy of its user information.

**3. What type of data mining (classification, clustering, etc.) you think would be relevant.**

I think Clustering would be relevant because in clustering it makes useful cluster of objects which have similar characteristics. So, when I watch the videos of my interests it shows only relevant and similar characteristics of videos.

**4. Name one type of data mining that you think would not be relevant, and describe briefly why not.  
For each, illustrate with an example, e.g., if you think clustering is relevant, describe what you think a likely cluster might contain and what the real-world meaning would be.**

Regression helps to deal with the numerical data, in real world experience for my example mentioned above it doesn’t need to measure any data regarding my interests**.**

**Write one to two pages of 11 point single-spaced typeset text - you aren't writing a paper, but it isn't short answer either.**

Most of the time gathering of information about certain elements should depend on users interests for recommending similar characteristics. In YouTube, when I was watching videos like mobile reviews, in recommendations it displays some irrelevant video which aren't of my interests and with irrelevant information. It is a known fact that data mining collects information about people using some market-based techniques and information technology. It should not violate the privacy of the user data so that misuse of information through the mining process is reduced. Regarding my experience Clustering would be relevant because in clustering it makes useful cluster of objects which have similar characteristics. So, when I watch the videos of my interests it shows only relevant and similar characteristics of videos. I hope it should provide all sorts of information regarding user response and it should also maintain some privacy of its user information.