**Introduction:**

Our project for BIA -660 Web Mining is going to focus on Amazon Books. We started with this project to solve both the Business problem as well as to satisfy the customer needs.

[**https://www.amazon.com/s/ref=nb\_sb\_noss\_2?url=search-alias%3Daps&field-keywords=books**](https://www.amazon.com/s/ref=nb_sb_noss_2?url=search-alias%3Daps&field-keywords=books)

**Project Objectives:**

1. Categorizing the books using the classification methods (Naive Bayes, Support vector machine (SVM) & KNN), when a new book is added to the database, our model predicts which category the book belongs to.
2. Recommending books to the user based on the user reviews (Category Based - Review Based).

**Relevant Data:**

**Categorizing:**

1. Categories and their links.
2. Books

1. Name

2. Author(Author details?)

3. Description

**Recommendation:**

1. Categories and their links.
2. Books

1. Name

2. Author(Author details?)

3. Description

4. User, Caption and the Reviews

(Collecting the reviews based on the “Read reviews that mention”)

#### Top 10 “Helpful” reviews ####

#### The Sponsored Books keeps changing ####

#### Latest Reviews differ based on the time ####