**Project 40**

**Identifying side Effects and Evaluating the effectiveness of Drugs**

**Introduction:** Drug reviews play an important role in providing crucial medical care information for both healthcare professionals and consumers. Customers are increasingly utilizing online review sites, discussion boards and forums to voice their opinions and express their sentiments about experienced drugs. However, a potential buyer typically finds it hard to review all of these online comments before making a purchase decision. Another big challenge would be the unstructured, qualitative, and textual nature of the reviews, which makes it difficult for readers to classify the comments into meaningful insights.

**Business objective-** The aim of this project is to create a text-mining model to evaluate the effectiveness and detect potential side effects from online customer reviews on specific prescriptive drugs

**Sample Data Set Details:**

The dataset contains patient reviews on specific medicines and with related conditions and a their satisfaction rated on a scale of 10 ( One being the worst and 10 being the excellent)