Project problem statement

Any online seller as big as amazon rely heavily on online product reviews to collect feedback regarding the products which are listed on the website. This is an important part of keeping quality check on non-amazon sellers listed on the market place.

These reviews in the form of text are hard to analyse because of their unstructured nature. [Sentiment analysis](http://edvancer.in/learn/mod/resource/view.php?id=1975) one quick tool to give amazon analyst an idea about how the seller's products are viewed in favourable/unfavourable manner by the customer buying the products.

You have been provided with such 31000 reviews from amazon [ download data]. Please perform a [sentiment analysis](http://edvancer.in/learn/mod/resource/view.php?id=1975) following the steps detailed in the course . write a report on your analysis comparing its correspondence with ratings provided along with the reviews by plotting results of your [sentiment analysis](http://edvancer.in/learn/mod/resource/view.php?id=1975) and bar chart of ratings.

Project carries total of 100 points which is divided among the steps as follows :

1. corpus formation : 10

2. corpus cleaning ( removing stop words , bad word among others): 40

3. [sentiment analysis](http://edvancer.in/learn/mod/resource/view.php?id=1975) : 30

4. Your reports on your insights on the analysis results : 20

Note : you'll have to score 70 or more points to get the certification. Your project will be reviewed once  before final grading to give you an opportunity to resubmit with corrections if needed .