Data Exploration: Analyzing Product Sentiment	Read some product review data (product) - product.head()
Creating Word Count Vector	Add a new word_count column that counts the number of words in the review column - Output: count how many times each words appear in the review
Find Most Popular Product	 Create a histogram via product.show() to see the most frequent item Create a dataset to contain the reviews of only the most popular product Order the created dataset in order of ratings and use .show() to see which one has the highest frequency Can determine if this popular product has good or bad reviews
Sentiment classification (positive or negative)	Assign the ranks a. Unclear Ratings = 3 we ignore for now b. Positive Ratings = 4 or 5, value is 1 for true c. Negative Ratings= 2 or 1 value is 0 for false 2. Put the ratings of 1 or 0 in a new column called sentiment
Train the sentiment classifier	 Assign train data and test data using random_split with 80% for training and 20% for testing Use logistic_classifier.create()(data_set, target, features, validation_set) Data set = train data Target = name of column containing target variable (sentiment) Features = name of column containing features (word count) Validation_set = test_data Output should show the number of iterations and the accuracy increasing with each iteration
Evaluate the Classifier with ROC curve.	1. ROC_Curve is a way to explore false positive/negatives 2. Use .evaluate(dataset, metric)

