

Student	Adam Moore	71%
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Part 1

	Available	Marks
Import data and generate data frame	5	5
Generate summary data frame with appropriate headers	15	13
Add correlation data to summary data frame	15	5
Calculate non-oxygen percentages and add to data frame	10	10
Commenting, white space and code presentation	5	5
TOTAL		38
Comments Good detailed comments. Good data import. More display of results within the console window would be useful to show your interim results. Using a function is good, although we'd normally put it at the start of the script, as you've noted in the comment. Be careful with the width of your comments so that they are easy to read without having to scroll. You've misinterpreted the question; you should have performed a correlation for each glass type and identified which element had the highest correlation with refractive index. Your code works fine, but you've taken the wrong approach. Good percentage calculation.		

Part 2

	Available	Marks
Import data and generate data frame	5	5
Create summary data frame with descriptive statistics	15	5
Clean and normalise data	10	5
Perform t-test	5	3
Perform ANOVA test	10	10
Commenting and use of white space	5	5
TOTAL		33
Comments Good obvious documentation of the use of external package. Your summary shows the data for individual countries, not the total number; the code behind it is good but doesn't answer the question asked. You've got the process for cleaning the data but you should be using two separate extracts from the data set so that you can compare their means later in the t-test. The code for the t-test code is good, but this is the data you should have used in Q3 and you should have showed the actual results. ANOVA is good.		