

Student	Mark Vaughan	82%
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Part 1

	Available	Marks
Import data and generate data frame	5	5
Generate summary data frame with appropriate headers	15	15
Add correlation data to summary data frame	15	12
Calculate non-oxygen percentages and add to data frame	10	10
Commenting, white space and code presentation	5	2
TOTAL		44
Comments Good use of functions. Displaying the solutions to each question in the console window would be useful. Comments are very thin on the ground at times. The correlation result for headlamps is silicon, not magnesium, as it's the absolute value you need, not the signed value.		

Part 2

	Available	Marks
Import data and generate data frame	5	5
Create summary data frame with descriptive statistics	15	13
Clean and normalise data	10	6
Perform t-test	5	5
Perform ANOVA test	10	8
Commenting and use of white space	5	1
TOTAL		38
Comments Again, commenting is weak in places, in particular in using a package but not documenting it, and displaying more things in the console window would be useful. Good data extraction. Needs to show the boxplots after the outliers have been removed in order to show that they're gone. Good t-test. Remember to define your hypotheses before doing an ANOVA in the same way that you would for a t-test.		