

Excel_Tom_Schultze

by Tom Schultze

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Part D - Data Hand

Instructions

On this Excel spread sheet you will see that you have been provided with a set of data relating to the number of new vehicles registered in 10 countries between 2010 and 2014. You are to complete the five steps that are detailed within this spreadsheet.

Table 1 - Data Set Society of Motor Manufacturers and Traders (2015) Motor Industry Facts
www.smm.co.uk (Accessed 18/09/2016)

Country	New Passenger Vehicle Registrations				
	2010	2011	2012	2013	2014
China	11471200	14472400	13196128	18085213	19919795
France	2251669	2204229	1898760	1460000	1495000
Germany	2916260	3173634	3082580	5439904	5604026
India	2795088	1946373	2654835	3138988	3158215
Italy	1960282	1748143	1402089	388465	401317
Japan	4798400	3524789	4572333	8189233	8277070
Russia	1757100	2653408	2935111	1919636	1683677
Spain	982015	808059	699589	1719700	1898342
United Kingdom	2030486	1941253	2044609	1509762	1528148
United States of America	5638400	6089421	7248910	4346958	4253098

Task 1 - Worth 2 marks

Your first task is to **re-arrange** Table 1, so that that countries are in alphabetical order from A to Z. *Hint - try to use the 'Sort' option available on the Home tab above.*

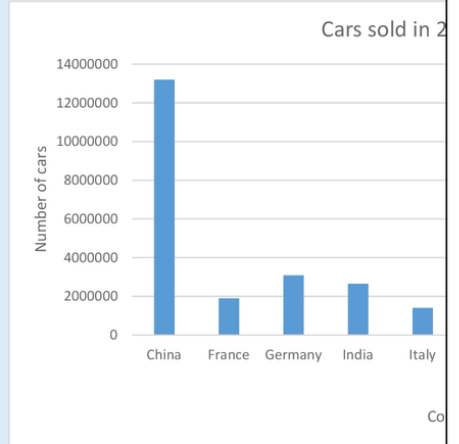
Task 5 - Worth 9 marks

Task 2 - Worth 4 marks

The second task is to create a **graph** that shows the car sales in 2010. You must pick which type of graph will be most suitable for viewing the data in the white space below.

Task 3 - Worth 3 marks

If you have not already done so, Task 3 is to add a suitable title to the graph.

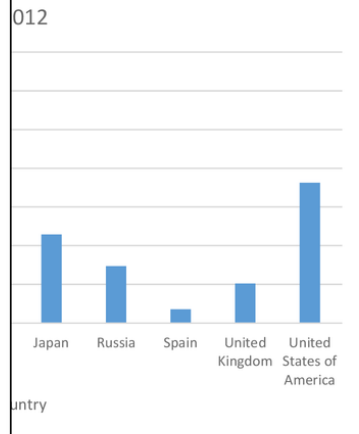


Calculate the total number of vehicles sold in 2010

Modeling

...les for each country in 2012. You will need to
...this data. The graph should be placed in the

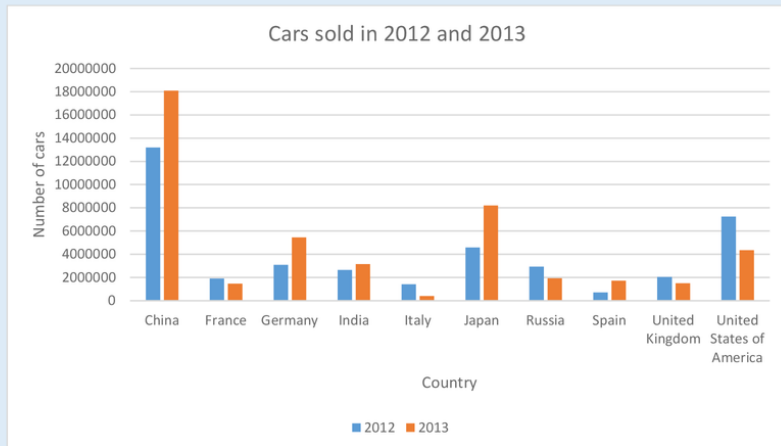
...e title to the graph and add axis titles as well.



36600900

Task 4 - Worth 2 marks

For Task 4 you are to duplicate the previous graph into the space below and **add a second set of data** to the graph. The second set of data to add will be for car sales for 2013 for each country.





For your final task, you are to **calculate** the answers to the questions set out here. You are to input calculations into the white cells to work out the different values required. *Marks will be given for the correct answer and the use of Cell references within the calculations.*

Calculate the percentage of sales in 2010 that were made

Calculate the average number of vehicles sold in the UK b

in France 6.151949815

etween 2010 and 2014 1810851.6



FINAL GRADE

20/20

GENERAL COMMENTS

Instructor

Task 1 - Correct - 2 marks

Task 2 graph - Correct - 2 marks

Task 2 data - Correct - 2 marks

Task 3 - Correct - 3 marks

Task 4 - Correct - 2 marks

Task 5 Part a - Correct - 3 marks

Task 5 Part b - Correct, to 2d.p. would have been fine - 3 marks

Task 5 Part c - Correct - 3 marks

Total Mark = 20 / 20

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