

## Problem 1:

1. At the end of step 11, save your wrangling script as a text file titled 'Top Mobile Markets Wrangling' and submit.

MicroStrategy Desktop

File Server View Format Help

Wrangle Your Data

Select Column Select Function

History Script Reset to Initial Data

Sample data: Top Mobile Markets (Mobile-Usage-Analysis.xlsx)

Column 1	Country	Mobile subscriptions	Population	% of population of Mobile subscriptions	3G/4G subscriptions	% of population of 3g/4G users	Sources
	World	6,587.4m	7046	0.935	1876.6	26.60%	Informa
1	China	1,246.3m	1351	0.923	448.3	33.20%	China Unicom
2	India	772.6m	1237	0.625	41.95	3.40%	TRAI
3	United States	345.2m	313.9	1.1	287.4	91.60%	Informa
4	Indonesia	285.0m	246.9	1.154	45.5	18.40%	Informa
5	Brazil	272.6m	198.7	1.372	110.2	55.50%	Anatel/Teleco
6	Russia	237.1m	143.5	1.652	41.2	28.70%	Informa
7	Japan	137.9m	127.6	1.08	108.8	85.30%	TCA
8	Vietnam	127.7m	88.8	1.438	18	20.30%	Informa
9	Pakistan	126.1m	179.2	0.704	17	N/A	Informa
10	Nigeria	128.6m	168.8	0.762	12.7	7.50%	NCC, Informa
11	Germany	113.6m	81.9	1.387	46	56.20%	BNA, Informa
12	Bangladesh	116.0m	154.7	0.75	34.6	22.30%	BTRC, Informa
13	Philippines	109.5m	96.7	1.132	16.6	17.10%	Informa
14	Mexico	102.7m	120.8	1.176	19.8	16.40%	Informa
15	France	101.4m	110.2	0.994	18.7	16.00%	France Telecom

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OK Cancel 15:43 01-09-2017