

ds4biomed

Exercise 3

Pre-Workshop Exercise

Exercise 1

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Summative

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Using the same `ebola` dataset example from the previous exercise:

date <chr>	da <dbl>	Cases_Guinea <dbl>	Cases_Liberia <dbl>						
1/5/2015	289	2776	NA						
1/4/2015	288	2775	NA						
1/3/2015	287	2769	8166						
1/2/2015	286	NA	8157						
12/31/2014	284	2730	8115						
12/28/2014	281	2706	8018						
12/27/2014	280	2695	NA						
12/24/2014	277	2630	7977						
12/21/2014	273	2597	NA						
12/20/2014	272	2571	7862						
1... Previous	1	2	3	4	5	6	...	13	Next

- Tidy the dataset such that it looks like the below example
- Remember to drop missing values as the last step

date <chr>	day <dbl>	country <chr>	Cases <dbl>	Deaths <dbl>
1/5/2015	289	Guinea	2776	1786
1/5/2015	289	SierraLeone	10030	2977
1/4/2015	288	Guinea	2775	1781
1/4/2015	288	SierraLeone	9780	2943
1/3/2015	287	Guinea	2769	1767
1/3/2015	287	Liberia	8166	3496
1/3/2015	287	SierraLeone	9722	2915
1/2/2015	286	Liberia	8157	3496
12/31/2014	284	Guinea	2730	1739

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date	day	country	Ca...	Deaths
<chr>	<dbl>	<chr>	<dbl>	<dbl>
12/31/2014	284	Liberia	8115	3471
1... Previous	1	2	3	4
	5	6	...	37
				Next

R Code

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```
1 ebola %>%
2   ____ (____) %>%
3   separate(name, into = c("case_death", "country"))
4   ____ (names_from = case_death, values_from = value)
5   ____
```

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