

WHAT IS TIDY DATA

In a tidy data set:



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Each **variable** is saved in its own **column**

Each **observation** is saved in its own **row**

country	year	cases	population
Afghanistan	1999	75	19987071
Afghanistan	2000	66	20095360
Brazil	1999	3737	17206362
Brazil	2000	488	17404898
China	1999	21258	1272015272
China	2000	1766	128023583

variables

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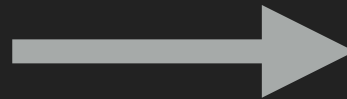
observations

country	year	cases	population
Afghanistan	99	75	19987071
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values

DAILY TEMPERATURE TO YEARLY TEMPERATURE ANOMALIES

city_name	date	temperature	temp_type	site_name
PERTH	2019-05-31	26.3	max	PERTH AIRPORT
PERTH	2019-05-30	23.5	max	PERTH AIRPORT
PERTH	2019-05-29	23.6	max	PERTH AIRPORT
PERTH	2019-05-28	23.4	max	PERTH AIRPORT
PERTH	2019-05-27	22.2	max	PERTH AIRPORT
PERTH	2019-05-26	21.8	max	PERTH AIRPORT
PERTH	2019-05-25	21	max	PERTH AIRPORT
PERTH	2019-05-24	21.5	max	PERTH AIRPORT
PERTH	2019-05-23	21.9	max	PERTH AIRPORT
PERTH	2019-05-22	22.2	max	PERTH AIRPORT
PERTH	2019-05-21	21.6	max	PERTH AIRPORT
PERTH	2019-05-20	21.1	max	PERTH AIRPORT
PERTH	2019-05-19	21.2	max	PERTH AIRPORT
PERTH	2019-05-18	17.9	max	PERTH AIRPORT
PERTH	2019-05-17	17.1	max	PERTH AIRPORT
PERTH	2019-05-16	17.3	max	PERTH AIRPORT
PERTH	2019-05-15	29.7	max	PERTH AIRPORT
PERTH	2019-05-14	27.9	max	PERTH AIRPORT
PERTH	2019-05-13	22.6	max	PERTH AIRPORT
PERTH	2019-05-12	25.3	max	PERTH AIRPORT



year	ave_temp	temp_diff
1910	16.66820	-0.732844049
1911	16.41932	-0.981731102
1912	16.75197	-0.649077882
1913	15.46903	-1.932020259
1914	16.64176	-0.759288180
1915	16.08553	-1.315521056
1916	15.48748	-1.913568939
1917	15.11370	-2.287341282
1918	15.82258	-1.578466262
1919	16.54446	-0.856581395
1920	15.67254	-1.728507429
1921	16.54782	-0.853223239