# Asking questions about data

Lab 3 1/31/18

#### > library(nycflights13)

#### > View(flights)

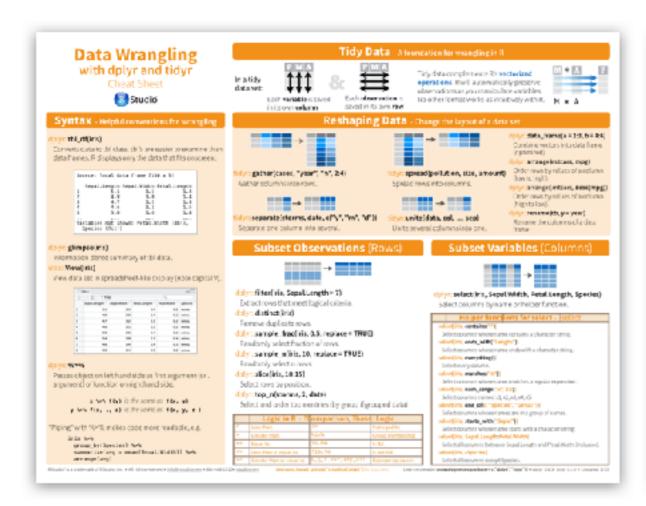
	year <sup>‡</sup>	month	daŷ	dep_time	sched_dep_time	$dep\_dela\hat{\vec{y}}$	arr_timē	sched_arr_time	arr_delaŷ	carrier	flight	tailnum <sup>‡</sup>	origin	dest	air_timê
1	2013	1	1	517	515	2	830	819	11	UA	1545	N14228	EWR	IAH	227
2	2013	1	1	533	529	4	850	830	20	UA	1714	N24211	LGA	IAH	227
3	2013	1	1	542	540	2	923	850	33	AA	1141	N619AA	JFK	MIA	160
4	2013	1	1	544	545	-1	1004	1022	-18	B6	725	N804JB	JFK	BQN	183
5	2013	1	1	554	600	-6	812	837	-25	DL	461	N668DN	LGA	ATL	116
6	2013	1	1	554	558	-4	740	728	12	UA	1696	N39463	EWR	ORD	150
7	2013	1	1	555	600	-5	913	854	19	B6	507	N516JB	EWR	FLL	158
8	2013	1	1	557	600	-3	709	723	-14	EV	5708	N829AS	LCA	IAD	53
9	2013	1	1	557	600	-3	838	846	-8	B6	<b>7</b> 9	N593JB	JFK	мсо	140
10	2013	1	1	558	600	-2	753	745	8	AA	301	N3ALAA	LGA	ORD	138

d:	h		time hour
distance	hour	minute	time_hour
1400	5	15	2013-01-01 05:00:00
1416	5	29	2013-01-01 05:00:00
1089	5	40	2013-01-01 05:00:00
1576	5	45	2013-01-01 05:00:00
762	6	0	2013-01-01 06:00:00
719	5	58	2013-01-01 05:00:00
1065	6	0	2013-01-01 06:00:00
229	6	0	2013-01-01 06:00:00
944	6	0	2013-01-01 06:00:00
733	6	0	2013-01-01 06:00:00

## Troubleshooting 101

- Did you load the package? Installing ≠ loading
- 2. Did you run all R chunks above?
- 3. Is your syntax correct (i.e. parentheses, variable names, etc.)?
- 4. Did you look up function documentation?
- 5. Ask Dr. Wilke/me

### R Studio offers cheat sheets





https://www.rstudio.com/resources/cheatsheets/