

Sometimes tables don't have explicit primary keys

flights

```
#> # A tibble: 336,776 x 19
```

```
#>   year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
#>   <int> <int> <int>   <int>         <int>         <dbl>     <int>         <int>
#> 1  2013     1     1     517           515           2       830           819
#> 2  2013     1     1     533           529           4       850           830
#> 3  2013     1     1     542           540           2       923           850
#> 4  2013     1     1     544           545          -1      1004          1022
#> 5  2013     1     1     554           600          -6       812           837
#> 6  2013     1     1     554           558          -4       740           728
#> # ... with 3.368e+05 more rows, and 11 more variables: arr_delay <dbl>,
#> #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
#> #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dtm>
```

Tables linked by primary and foreign keys form a **relational database**

