Project2

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## Function

## Rows: 361  
## Columns: 6  
## $ date <date> 2018-01-01, 2018-01-02, 2018-01-03, 2018-01-04, 2018-01-05,…  
## $ co <dbl> 0.2, 0.7, 0.9, 0.2, 0.2, 0.2, 0.3, 0.5, 0.5, 0.5, 0.3, 0.2, …  
## $ pm25 <dbl> 7.50, 8.95, 15.20, 9.70, 7.75, 7.60, 9.40, 8.30, 11.80, 9.30…  
## $ o3 <dbl> 0.037, 0.034, 0.032, 0.035, 0.036, 0.036, 0.037, 0.029, 0.03…  
## $ year <dbl> 2018, 2018, 2018, 2018, 2018, 2018, 2018, 2018, 2018, 2018, …  
## $ month\_num <dbl> 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, …

## Rows: 365  
## Columns: 6  
## $ date <date> 2019-01-01, 2019-01-02, 2019-01-03, 2019-01-04, 2019-01-05,…  
## $ co <dbl> 0.2, 0.3, 0.6, 0.7, 0.2, 0.6, 0.7, 0.3, 0.3, 0.2, 0.5, 0.6, …  
## $ pm25 <dbl> 8.50, 9.20, 7.90, 8.90, 6.00, 6.75, 10.20, 10.20, 4.25, 6.90…  
## $ o3 <dbl> 0.033, 0.027, 0.015, 0.026, 0.039, 0.034, 0.031, 0.036, 0.03…  
## $ year <dbl> 2019, 2019, 2019, 2019, 2019, 2019, 2019, 2019, 2019, 2019, …  
## $ month\_num <dbl> 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, …

## Rows: 121  
## Columns: 6  
## $ date <date> 2020-01-01, 2020-01-02, 2020-01-03, 2020-01-04, 2020-01-05,…  
## $ co <dbl> 0.5, 0.8, 0.4, 0.4, 0.4, 0.7, 0.8, 0.6, 0.7, 0.4, 0.3, 0.2, …  
## $ pm25 <dbl> 3.700000, 8.200000, 8.500000, 1.933333, 2.700000, 4.700000, …  
## $ o3 <dbl> 0.036, 0.030, 0.010, 0.033, 0.032, 0.033, 0.028, 0.035, 0.03…  
## $ year <dbl> 2020, 2020, 2020, 2020, 2020, 2020, 2020, 2020, 2020, 2020, …  
## $ month\_num <dbl> 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, …

## Rows: 847  
## Columns: 7  
## $ date <date> 2018-01-01, 2018-01-02, 2018-01-03, 2018-01-04, 2018-01-05,…  
## $ co <dbl> 0.2, 0.7, 0.9, 0.2, 0.2, 0.2, 0.3, 0.5, 0.5, 0.5, 0.3, 0.2, …  
## $ pm25 <dbl> 7.50, 8.95, 15.20, 9.70, 7.75, 7.60, 9.40, 8.30, 11.80, 9.30…  
## $ o3 <dbl> 0.037, 0.034, 0.032, 0.035, 0.036, 0.036, 0.037, 0.029, 0.03…  
## $ year <dbl> 2018, 2018, 2018, 2018, 2018, 2018, 2018, 2018, 2018, 2018, …  
## $ month\_num <dbl> 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, …  
## $ src\_year <int> 2018, 2018, 2018, 2018, 2018, 2018, 2018, 2018, 2018, 2018, …

## Plots

