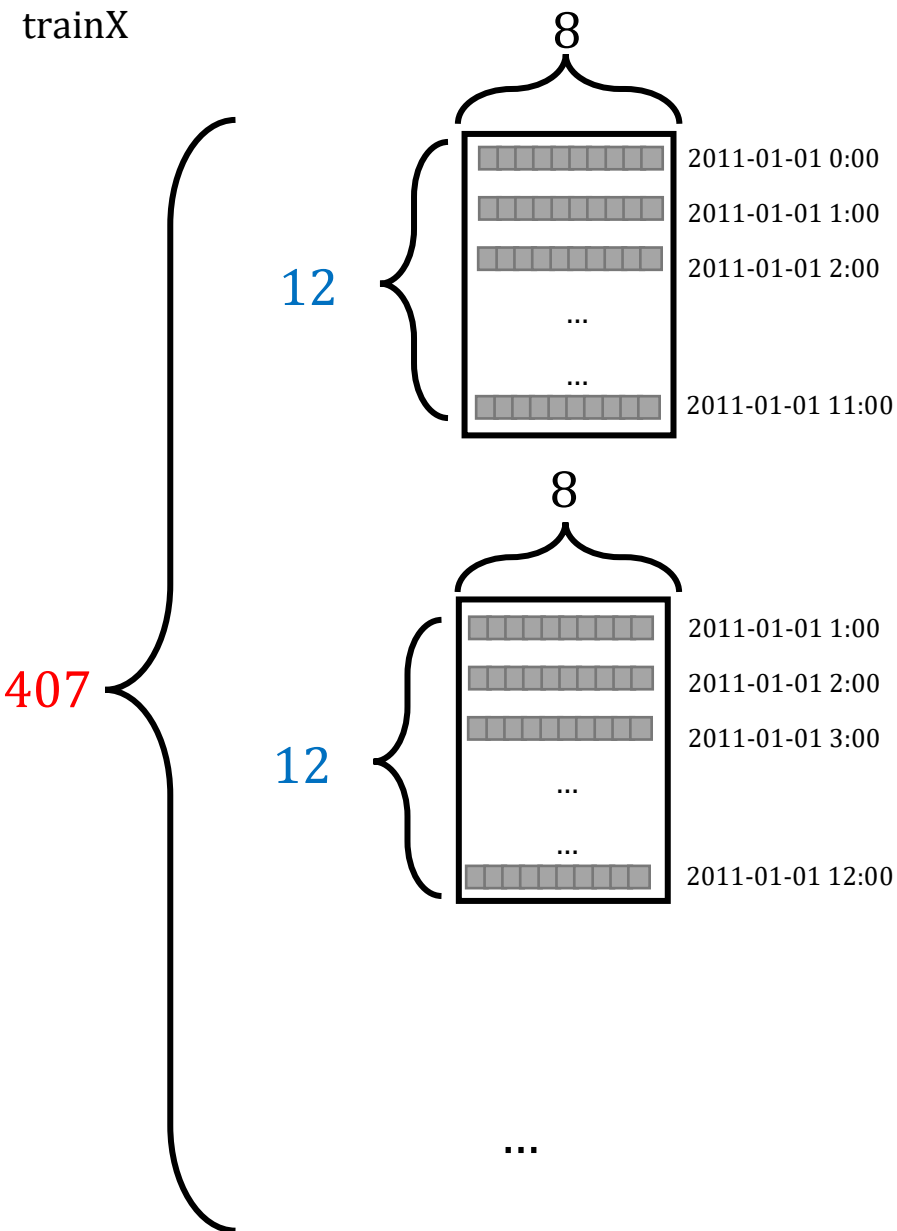


# EXAMPLE FOR JANUARY 2011

trainX



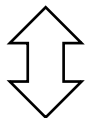
For January 2011  $\text{df\_month.shape}[0] = 431$

$n_{\text{past}} = 12$

$$431 - 12 = 419$$

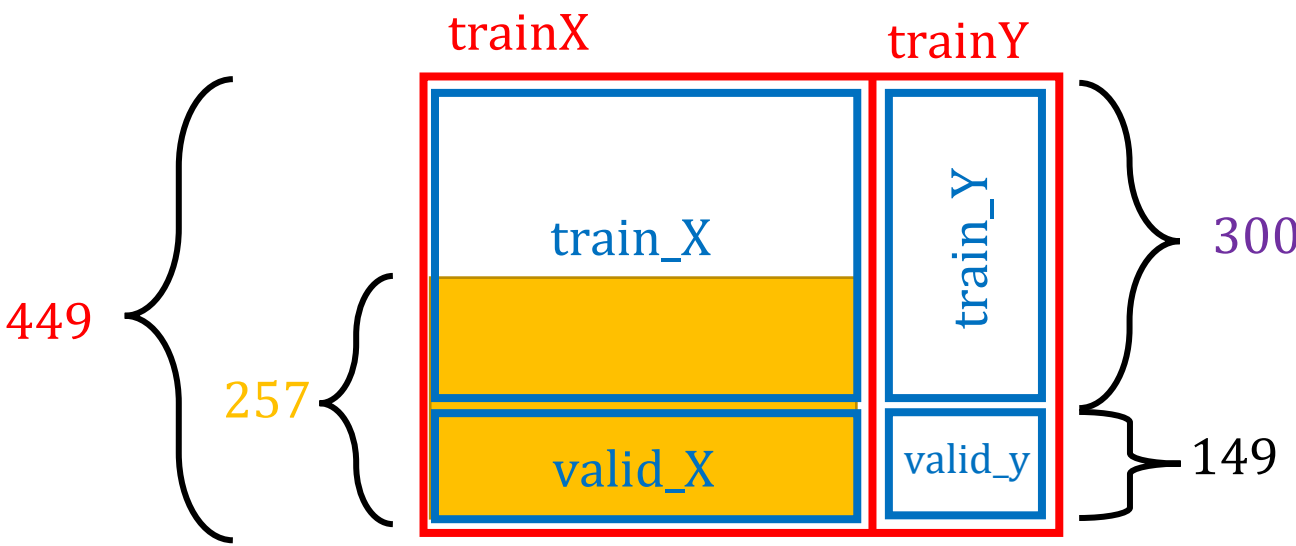
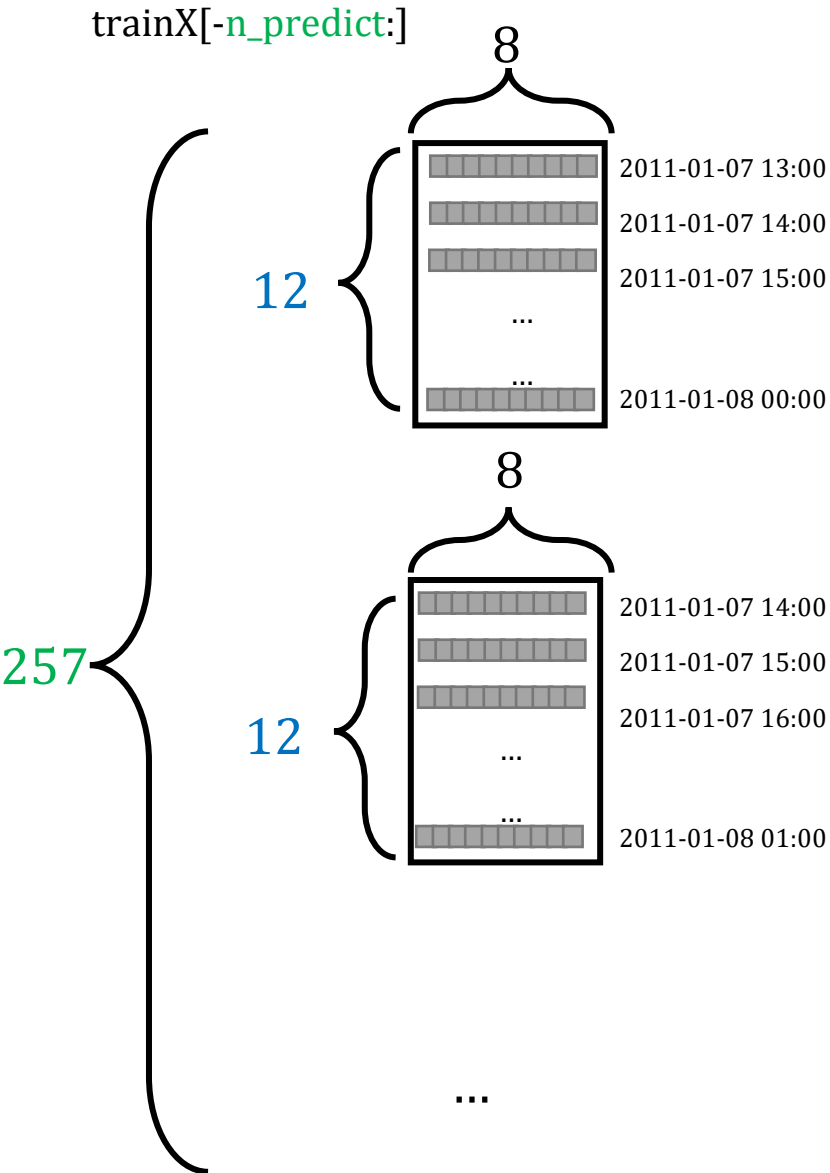
$\text{trainX.shape} (419, 212, 8)$

- Train dataset ends at 2011-01-19 23:00
- From 2011-01-20 0:00 to 2011-01-31 23:00 there are 257 logged hours
- $n_{\text{predict}} = 257$
- 257h back from 2011-01-31 23:00 => 2011-01-07 13:00



We are using data starting from 2011-01-07 13:00 presented in this form to predict data from 2011-01-20 till the end of the month.

$\text{trainX}[-n_{\text{predict}}:]$



SPLIT = 300