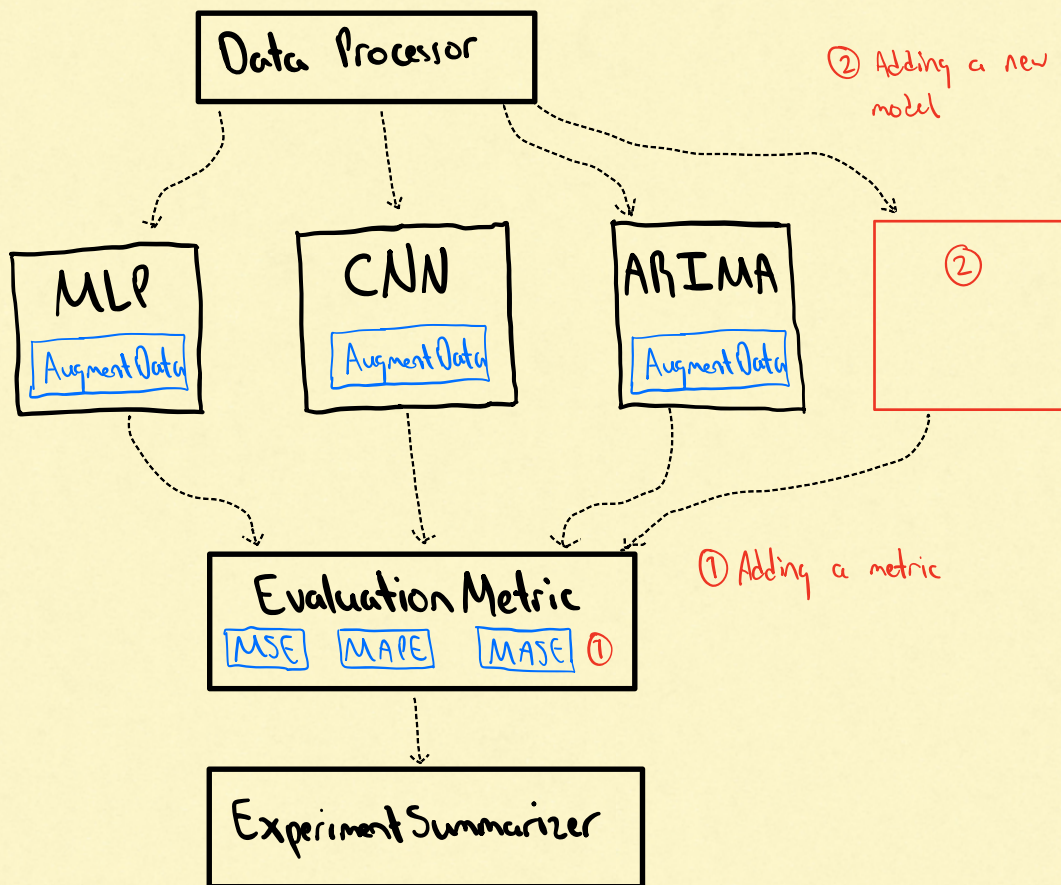
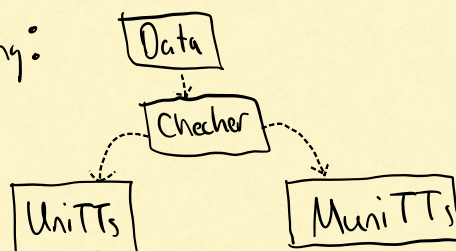


## 1. UniTTs



## Multivariate Forecasting:



$$\text{MAPE} \equiv \text{Mean Absolute Percent Error} = \frac{1}{n} \sum_{t=1}^n \left| \frac{F_t - A_t}{A_t} \right|$$

$A_t \equiv$  actual value @ time  $t$

$F_t \equiv$  Forecasted value @ time  $t$

