



Univariate:  $\mathbb{R}^t \rightarrow \mathbb{R}^\tau$

Multivariate:  $\mathbb{R}^{t \times f} \rightarrow \mathbb{R}^\tau$

With batches:  $\mathbb{R}^{b \times t \times f} \rightarrow \mathbb{R}^{b \times \tau}$