

Time series components

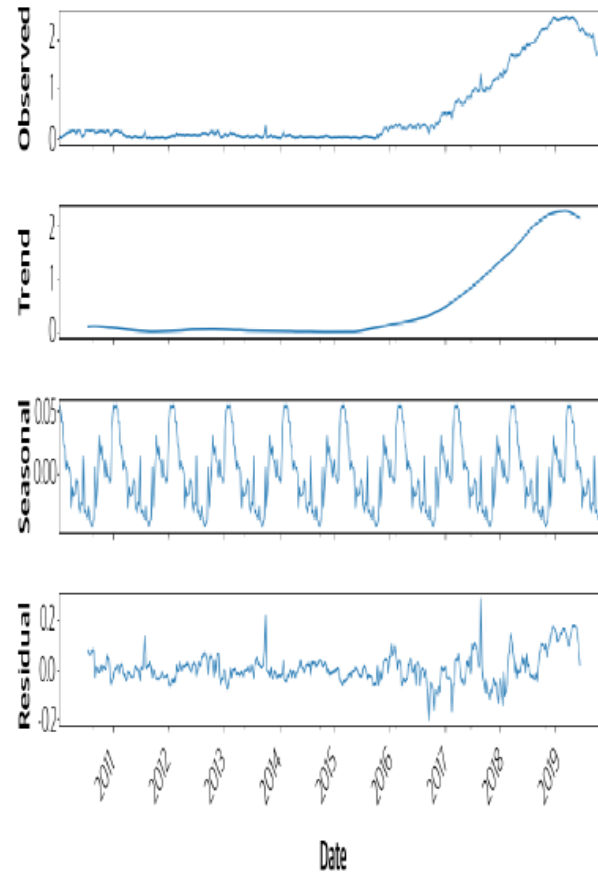


Figure 5-1. Time series components

Nonstationary plots

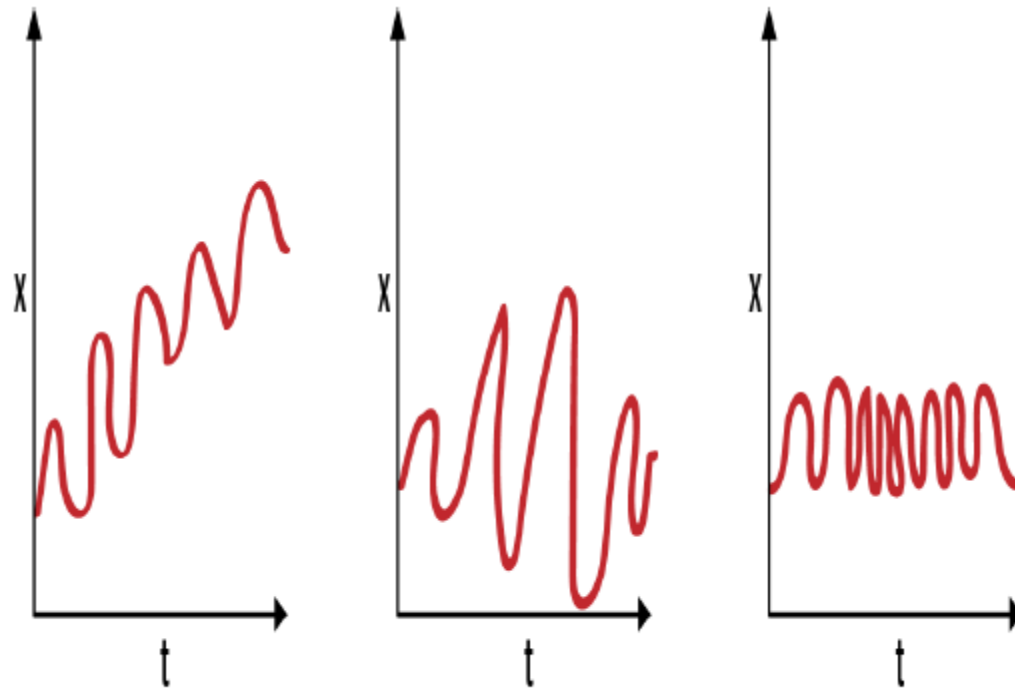


Figure 5-2. Nonstationary plots

Stationary plot

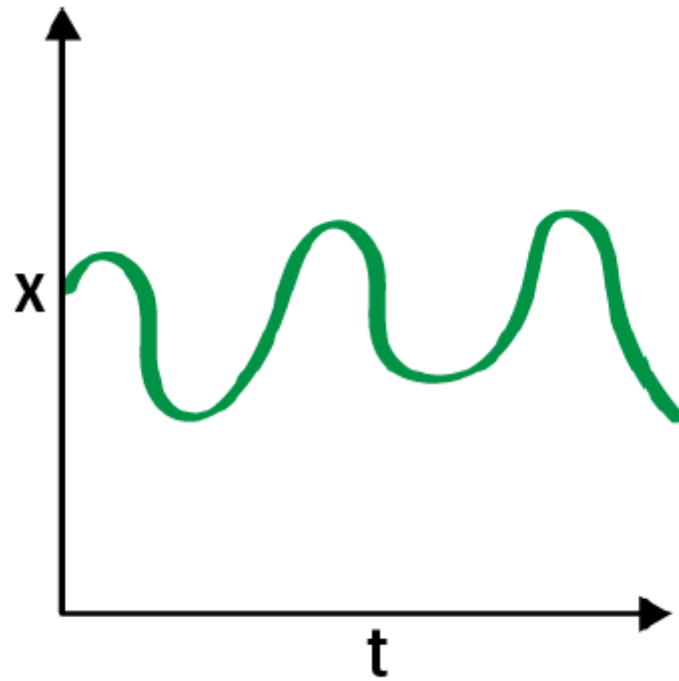


Figure 5-3. Stationary plot

Recurrent Neural Network

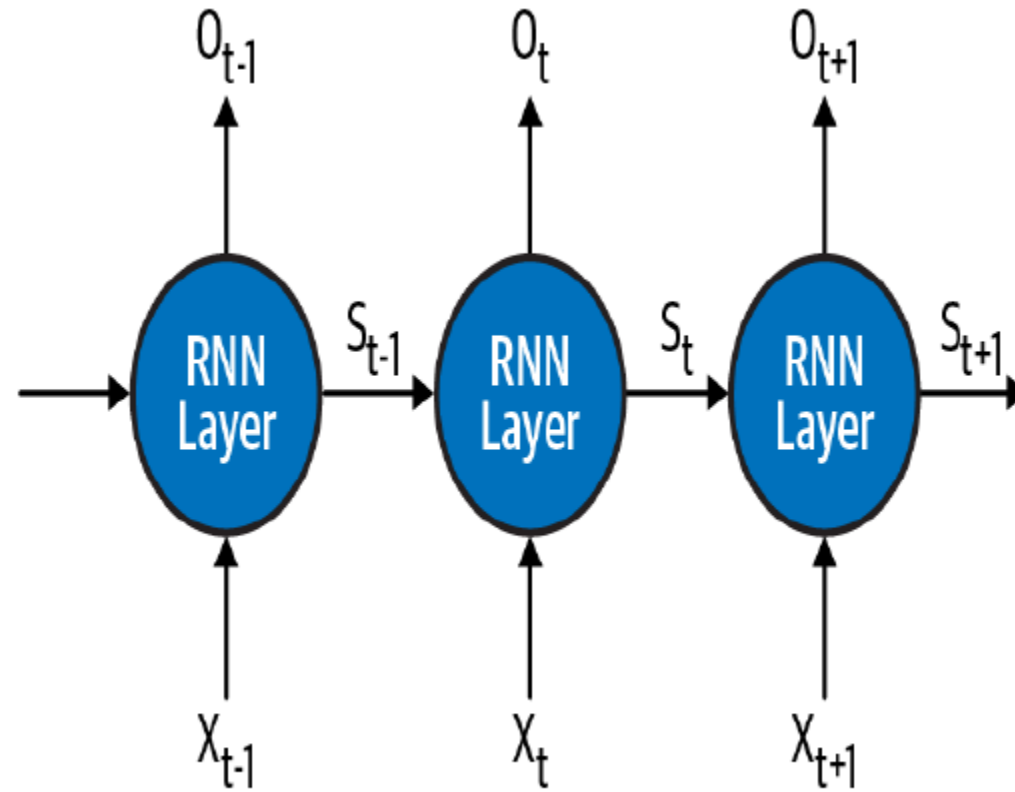


Figure 5-4. Recurrent Neural Network

Modifying time series for supervised learning models

Time step	Value		X	Y
1	10		?	10
2	11		10	11
3	18	⇒	11	18
4	15		18	15
5	20		15	20
			20	?

Figure 5-5. Modifying time series for supervised learning models