

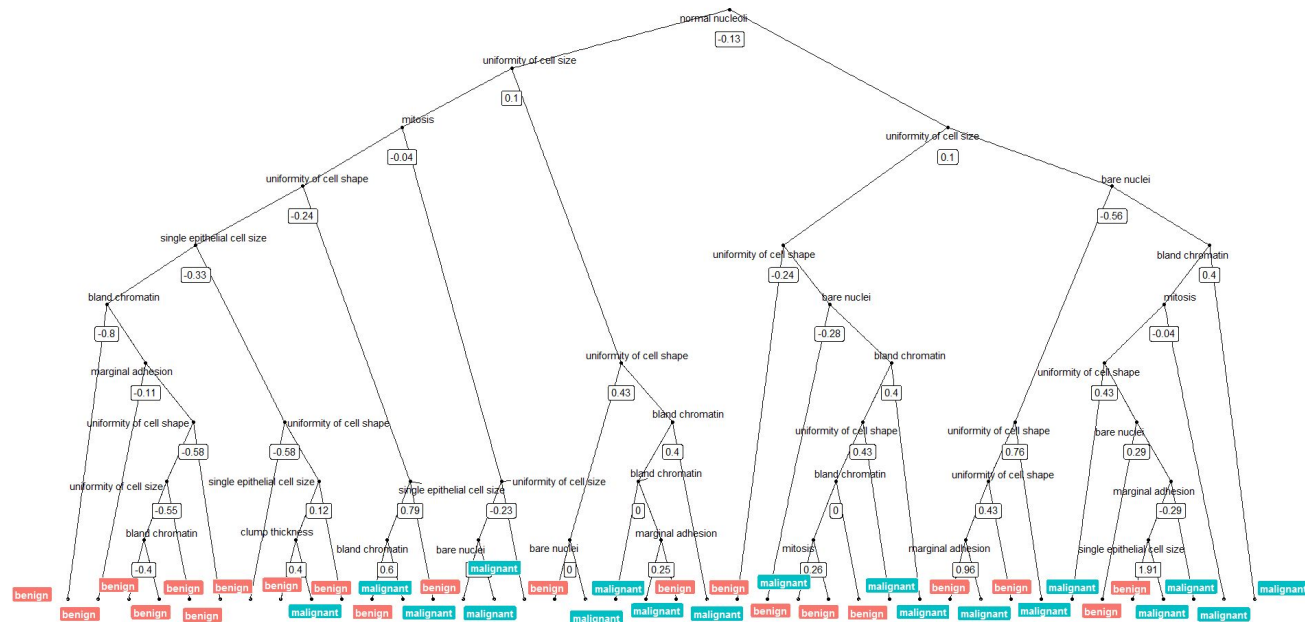
---

# Predicción Series Temporales 3

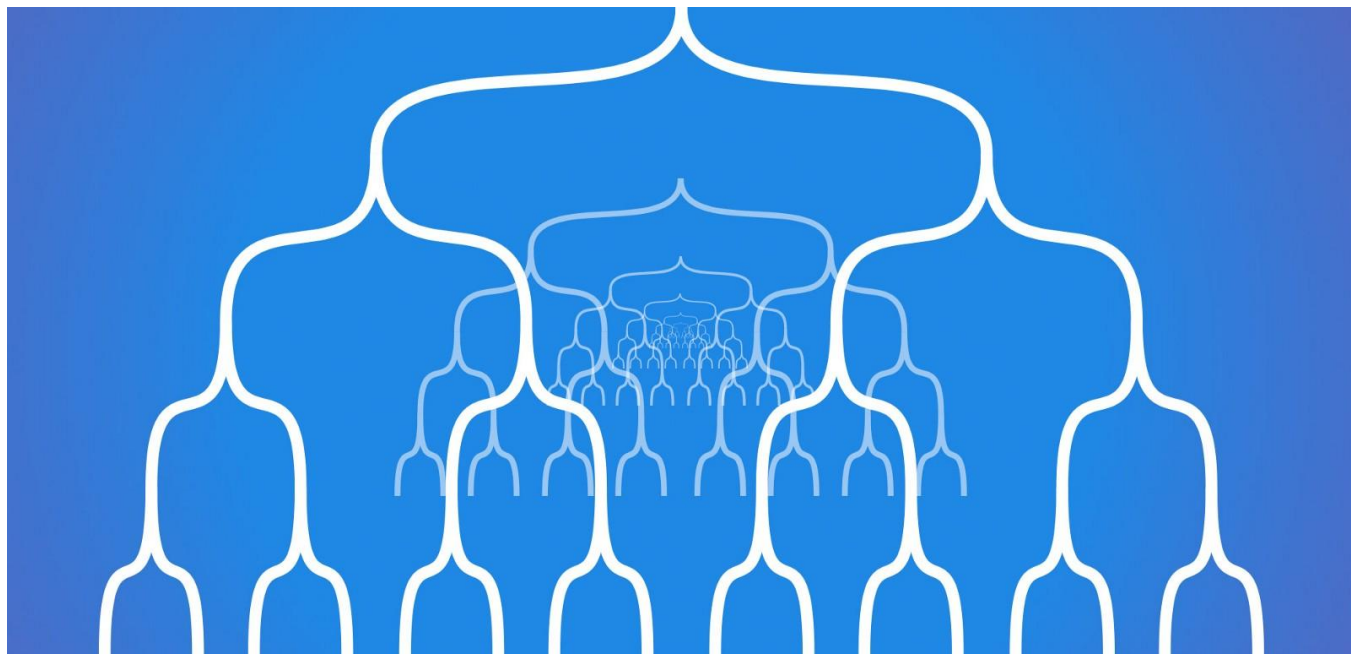
Iván G. Torre

---

# Random Forest



# Xgboost



# LSTM: Long short-term Memory

- Red Neuronal recurrente

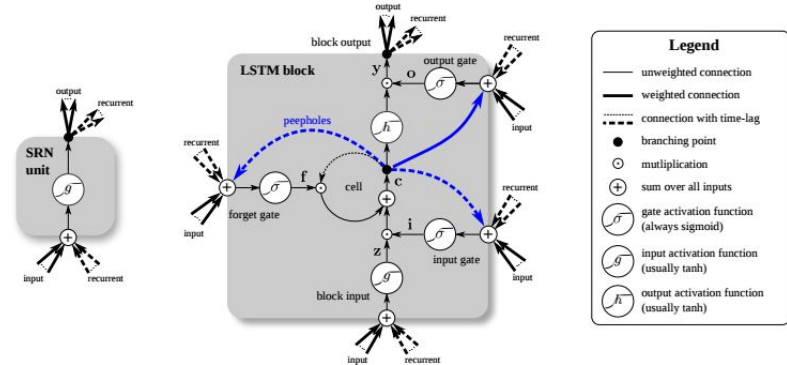
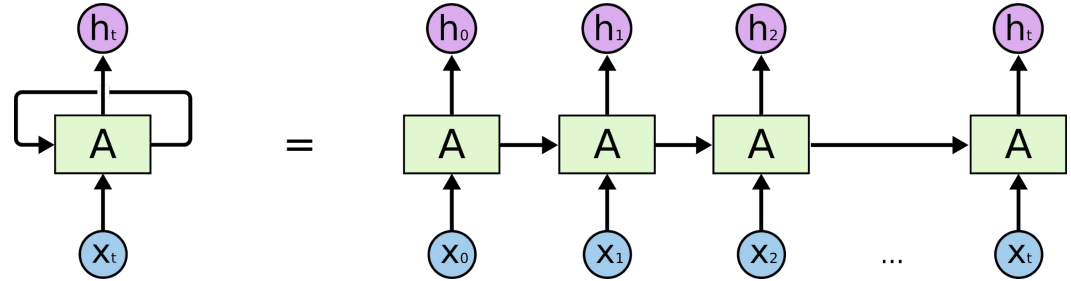


Figure 1. Detailed schematic of the Simple Recurrent Network (SRN) unit (left) and a Long Short-Term Memory block (right) as used in the hidden layers of a recurrent neural network.

# LSTM: Long short-term Memory

- Red Neuronal recurrente:
  - Cell
  - Input gate
  - Output gate
  - Forget gate

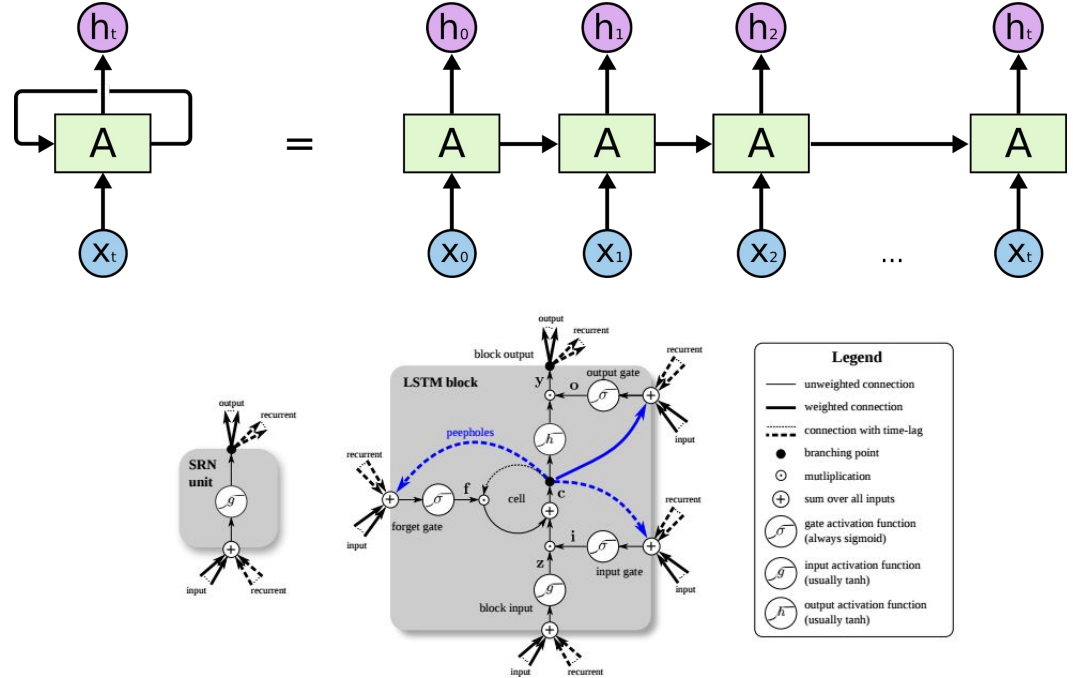


Figure 1. Detailed schematic of the Simple Recurrent Network (SRN) unit (left) and a Long Short-Term Memory block (right) as used in the hidden layers of a recurrent neural network.

# LSTM: Long short-term Memory

- Dependencias de largo alcance
- Dependencias de corto alcance

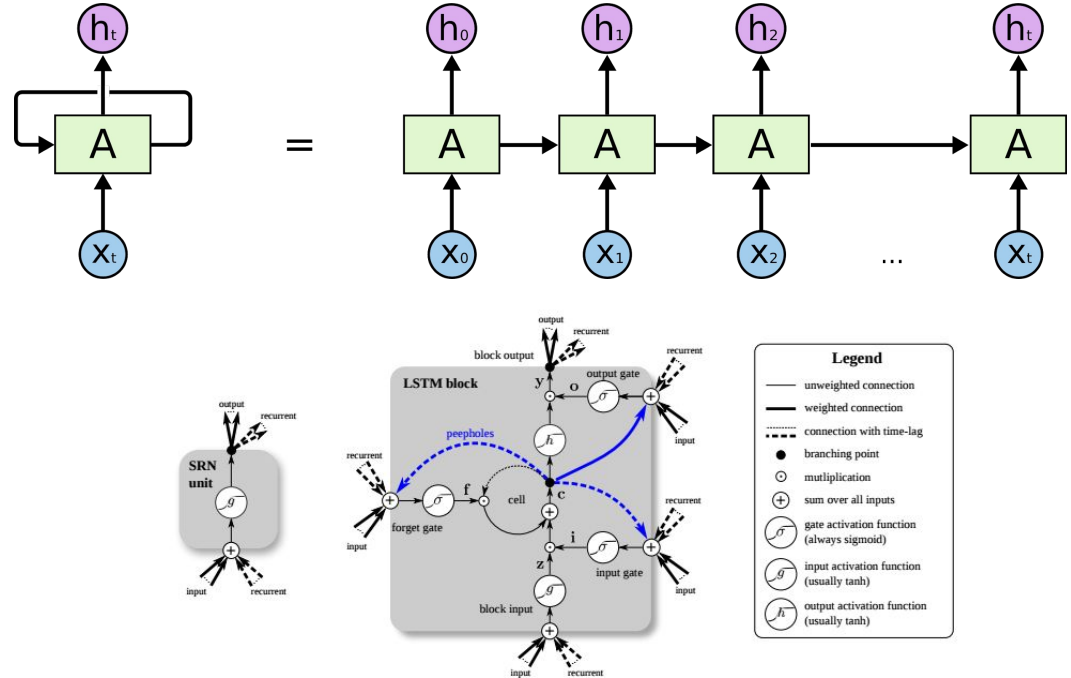


Figure 1. Detailed schematic of the Simple Recurrent Network (SRN) unit (left) and a Long Short-Term Memory block (right) as used in the hidden layers of a recurrent neural network.

# Predicción con diferentes algoritmos: Ejercicio

