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## 1. Objective

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## 1. Objective

**Introduction to recurrent neural networks (RNNs)**

At the end of this lecture, you will be able to

- Know the difference between feed-forward and recurrent neural networks(RNNs).
- Understand the role of **gating** and **memory cells** in long-short term memory (LSTM).
- Understand the process of **encoding** of RNNs in modeling sequences.

## Discussion

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