deeplearning.ai

# Natural Language Processing with Sequence Models

by deeplearning.ai

START —— WEEK 1 —— WEEK 2 —— WEEK 3 —— WEEK 4 —— END 1 ›

## My Weekly Goal

Learners who set a goal are 75% more likely to complete the course. We'll help you track your progress.

Set goal

### WEEK 1

## Course 3 Introduction

It'll take about 3 min. After you're done, continue on and try finishing ahead of schedule.

**Start**

## Instructor's Note                                                    ✕

Welcome to Natural Language Processing with Sequence Models! You're joining thousands of learners currently enrolled in the course. I'm excited to have you in the class and look forward to your contributions to the learning community.

To begin, I recommend taking a few minutes to explore the course site. Review the material we'll cover each week, and preview the assignments you'll need to complete to pass the course. Click **Discussions** to see forums where you can discuss the course material with fellow students taking the class.

If you have questions about course content, please post them in the forums to get help from others in the course community. For technical problems with the Coursera platform, visit the **Learner Help Center**.

Good luck as you get started, and I hope you enjoy the course!

∧ Less

---

**Week 1    Estimated Time: 5h 19m**    ∧

Neural Networks for Sentiment Analysis

| | | REQUIRED | GRADE | DUE |
|---|---|---|---|---|
| Videos | ◯ 34 min left | ⟨/⟩ **Programming Assignment**<br>Sentiment with Deep Neural Networks<br>**3h** | | Sep 28<br>1:59 AM CDT |
| Readings | ◯ 35 min left | | | |
| Other | ◯ 1h 10m left | | | |

---

**Week 2    Estimated Time: 4h 46m**    ∧

Recurrent Neural Networks for Language Modeling

| | | REQUIRED | GRADE | DUE |
|---|---|---|---|---|
| Videos | ◯ 26 min left | ⟨/⟩ **Programming Assignment**<br>Deep N-grams<br>**3h** | | Oct 5<br>1:59 AM CDT |
| Other | ◯ 1h 20m left | | | |

---

**Week 3    Estimated Time: 4h 8m**    ∧

LSTMs and Named Entity Recognition

| | | REQUIRED | GRADE | DUE |
|---|---|---|---|---|
| Videos | ◯ 23 min left | ⟨/⟩ **Programming Assignment**<br>Named Entity Recognition (NER)<br>**3h** | | Oct 12<br>1:59 AM CDT |
| Readings | ◯ 30 min left | | | |
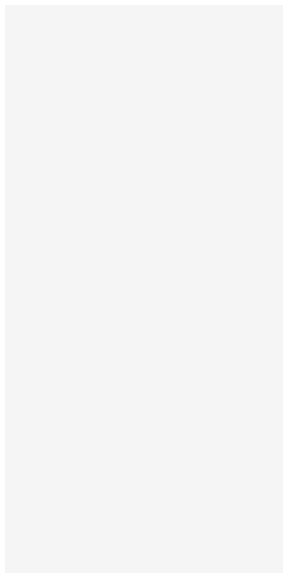
Other ○ **15 min left**

---

**Week 4**   Estimated Time: 4h 53m   ⌃

Siamese Networks

|  | | REQUIRED | GRADE | DUE |
|---|---|---|---|---|
| Videos ○ **33 min left** | | ⟨/⟩ **Programming Assignment** | | Oct 19 |
| Readings ○ **10 min left** | | Question duplicates | | 1:59 AM CDT |
| Other ○ **1h 10m left** | | **3h** | | |

Do you want to receive emails from **deeplearning.ai**?    Yes ⬤   ✕

?