

NLP Using Deep Learning

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Introduction

- Name
- Address to live
- Career
- Programming, networking, database experience
- OS(Linux), product/software/tool experience
- Math, Statistics, AI(ML & DL) experience
- Expectation for the course

Course Materials

- Operating System
 - Ubuntu 18.04 LTS, Windows 10
- Lesson Guide files(pdf format)
- Textbooks
- Software, tools, libraries

Course Outline

1. Python Learning Roadmap
2. Prologue
3. Configuration for Labs
4. Requirements for Data Science
5. Web Scrapping & Web Crawling
6. Text Mining
7. Association Analysis

Course Outline (Cont.)

- 8. Machine Learning Models for NLP
- 9. NLP Exercise using Machine Learning Models
- 10. ANN and Deep Learning
- 11. DNN
- 12. RNN
- 13. NLP Exercise using Deep Learning Models
- 14. Private Project
- 15. Epilogue