


Five hands-on tutorials to get started in NLP



1. Fundamentals of NLP (Chapter 1) by dair.ai



dair.ai

Democratizing Artificial Intelligence Research, Education, and Technologies

Planet Earth <https://dair.ai/>

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nlp_paper_summaries

A carefully curated list of NLP paper summaries


1.2k 194



ml-visuals

Visuals contains figures and templates which you can reuse and customize to improve your scientific writing.

1.8k 254




pytorch_notebooks

Forked from omarsat/pytorch_notebooks

A collection of PyTorch notebooks for learning and practicing deep learning


Jupyter Notebook 400 72



nlp_fundamentals

Contains a series of hands-on notebooks for learning the fundamentals of NLP


Jupyter Notebook 298 28



ml-nlp-paper-discussions

A repo containing notes and discussions for our weekly NLP/ML paper discussions.

135 8



d2l-study-group

Deep Learning Study Group


328 37

2. Scikit-learn for text data




3. NLP Course by Elena (Lena) Voita

Lectures-blogs with
Interactive parts & Exercises
Analysis and Interpretability




Seminars & Homeworks
notebooks in our 6.2k-★ course repo

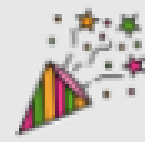
Research Thinking
learn to ask right questions



Related Papers
with summaries and explanations



Have Fun!
just fun



4. Advanced NLP with spaCy

ADVANCED NLP *with* spaCy

✓ Loading models

- Use `spacy.load()` to load the small English model `"en_core_web_sm"`.
- Process the text and print the document text.

```
import spacy

# Load the "en_core_web_sm" model.
nlp = spacy.load("en_core_web_sm")

text = "It's official: Apple is the first U.S. public company to reach a $1 trillion market value."

# Process the text
doc = nlp(text)

# Print the document text
print(doc.text)
```

Run Code Submit

OUTPUT

5. A Code-First Intro to Natural Language Processing by Fastai

11 What did Chomsky mean, and what did he get right? 59:42 Rachel Thomas

12 Seq2Seq Translation (NLP video 12) 59:42 Rachel Thomas

13 Word embeddings quantify 100 years of gender & ethnic 47:17 Rachel Thomas

14 Text generation algorithms (NLP video 14) 25:40 Rachel Thomas

15 Implementing a GRU (NLP video 15) 23:14 Rachel Thomas

16 Algorithmic Bias (NLP video 16) 1:26:17 Rachel Thomas

17 Introduction to the