**NLP Notes**

**Consolidated Notes**

| **Cheatsheet** | [NLP Cheatsheet.pdf](https://drive.google.com/file/d/1u-GPIVoHIqQ-K_eMj3aZpNm46fZcleKK/view?usp=drive_link) |
| --- | --- |
| **Consolidated Notes - Docs** | [NLP summary notes.pdf](https://drive.google.com/file/d/1yWhtqW9X2RJIHt_qdzsCE5XjZomKeOpk/view?usp=drive_link) |
| **Consolidated Colab** | [NLP.ipynb](https://colab.research.google.com/drive/1353Bx2WWC7Rvjw9JBRq5O-OhS6uGyB_H?usp=sharing) |

**Lecture-wise Notes**

| **Colab-notes** | **Doc notes** |
| --- | --- |
| [01-Into-to-NLP.ipynb](https://colab.research.google.com/drive/1mTomljPHyR44Pn22A7ZUF-ozb4hUt1yc?ouid=116348221161635752337&usp=drive_link) | [Intro to NLP](https://drive.google.com/file/d/14euZ6CbEVkNuqrI0h7I4QWNghdMiDAPp/view?usp=drive_link) |
| [2-Text-Representation.ipynb](https://colab.research.google.com/drive/1Syr3v7cJ8AjPEq-pmLPPHldkPcgqzNah?ouid=116348221161635752337&usp=drive_link) | [Text Representation](https://drive.google.com/file/d/1HP9CqQaSHviLQI4LE9toB1qOqajfRmJ1/view?usp=drive_link) |
| [3-Word-Embedding.ipynb](https://colab.research.google.com/drive/1097bZ8EsR-le5A7U0SQHATAKWUVRvbGN?ouid=116348221161635752337&usp=drive_link) | [Word embedding](https://drive.google.com/file/d/1C1y1JcPYf4RaLlV2Q0ujuwJox-fByR5u/view?usp=drive_link) |
| [4-Language-Modeling.ipynb](https://colab.research.google.com/drive/1R0hmPjQ2elBAFG0ysBEeEjGNTamqmd1Y?ouid=116348221161635752337&usp=drive_link) | [Language Modeling](https://drive.google.com/file/d/1LzpUvoKpJgrX-99SP_PqZiNSymwlG0N0/view?usp=drive_link) |
| [5-Topic-Modeling.ipynb](https://colab.research.google.com/drive/1rfzYtze3NDbDLUZPP2QF4K0zC8ZRoeqn?ouid=116348221161635752337&usp=drive_link) | [Topic Modeling](https://drive.google.com/file/d/1OVg11nQocJmuNpkdeoGjkfCXeS9AvgTx/view?usp=drive_link) |
| [6-RNN.ipynb](https://colab.research.google.com/drive/1Zp3ZMjzbEfRUKd619fLX5rc40tYsVzyY?ouid=116348221161635752337&usp=drive_link) | [RNN](https://drive.google.com/file/d/1xxEXqAaWO2AZAASP1o0-2SM70iyp8LFo/view?usp=drive_link) |
| [7-LSTM.ipynb](https://colab.research.google.com/drive/1quWkTkIl0GltzrF5XdK6OOhEZjJoa9xP?ouid=116348221161635752337&usp=drive_link) | [LSTM](https://drive.google.com/file/d/1uj5u7xdWjj4BLUrEw83n8kPPkDpzFkyw/view?usp=drive_link) |
| [8-NER.ipynb](https://colab.research.google.com/drive/1uYXSOB0OnK_p0wOHEyxERCOmyrSjkbPF?ouid=116348221161635752337&usp=drive_link) | [NER](https://drive.google.com/file/d/1Pu3OsG5oJ_uTt_LUnF5lCJaZDpTXRB6z/view?usp=drive_link) |
| [9-Attention.ipynb](https://colab.research.google.com/drive/1_a8wFbrReljykQJR4G1pIjCsk3sW70xW?ouid=116348221161635752337&usp=drive_link) | [Attention](https://drive.google.com/file/d/1VMaz-zFfBZ4cgZby6hDlpmyoUXcD2OqD/view?usp=drive_link) |
| [10-Transformers.ipynb](https://colab.research.google.com/drive/1PY3coKXM_3BIhqmHpA4to_pEP0xZL1zF?ouid=116348221161635752337&usp=drive_link) | [Transformer](https://drive.google.com/file/d/1EoL7uy9uW1ulPOUYW5v8eHlalRyhgpt8/view?usp=drive_link) |
| [11-BERT.ipynb](https://colab.research.google.com/drive/1OHrWcsDrxc5tAKjpSy4uvbS83p8EA-56?usp=drive_link) | [Bert](https://drive.google.com/file/d/1hSDoAAacuZo4TEvRcFtmhLsIYf2lkHlc/view?usp=drive_link) |