## Applied Deep Learning hw1 report

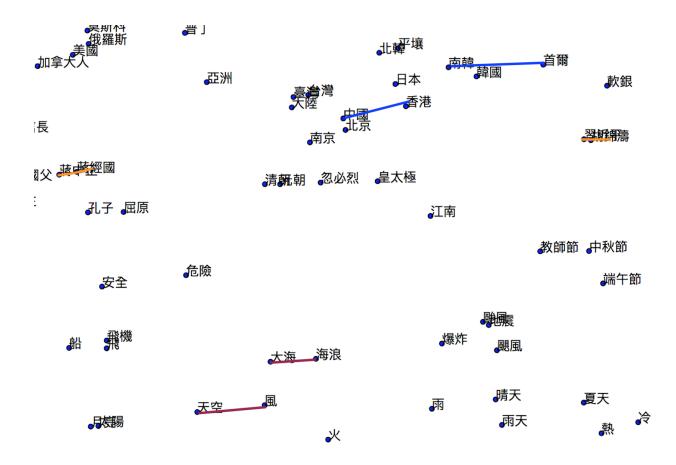
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## 1 Ptt corpus visulization

**Visualization** For phase 2 competition, I used word2vec [1] to train on the ptt corpus. The final result achieve 61% accuracy on the CodaLab competition. By using the code provided by [2] to visualize the final result.





**Detail** This figure shows some details of visualization result. Similar meaning words are tends to close to each other. You can also find some relative pairs in the visual result. However, it is not easy to find the relative pair, the possible reason is that the detail figure only shows the local information.

## References

- [1] https://github.com/tensorflow/tensorflow/blob/master/tensorflow/models/embedding/word2vec\_optimized.py
- [2] https://www.quora.com/How-do-I-visualise-word2vec-word-vectors