**SOFTWARE/HARDWARE LIST:-**

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| Chapter number | Software required (With version) |
| 1 | * **Python 3 (3.4 recommended)** * **sklearn (numpy, scipy)** * **matplotlib** |
| 2-4 | * Theano |
| 5 | * Semisup-learn |
| 6 | * Natural Language Toolkit (NLTK) * BeautifulSoup |
| 7 | * Twitter API account |
| 8 | * XGBoost |
| 9 | * Lasagne * TensorFlow |