

# Assignment 0

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# Assignment Objectives

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- Part 1: Python Basics
- Part 2: Numpy and Matplotlib
- Part 3: Tensorflow Linear Model
  - Problem: Structuring your Tensorflow models
    - ✓ Expected output:

```
Error rate @ iter 0 : 0.950000
Error rate @ iter 100 : 0.130000
Error rate @ iter 200 : 0.090000
Error rate @ iter 300 : 0.130000
Error rate @ iter 400 : 0.070000
Error rate @ iter 500 : 0.070000
Error rate @ iter 600 : 0.120000
Error rate @ iter 700 : 0.050000
Error rate @ iter 800 : 0.120000
Error rate @ iter 900 : 0.090000
Error rate @ iter 1000 : 0.120000
```

# Important Notes

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- **Requirements**
  - Python  $\geq 3.5$
  - TensorFlow = 1.10.1
- PLEASE read the notes on the notebooks carefully
- Google first before mailing TAs
- Submitting your work
  - DO NOT clear the final outputs
  - After you are done **all three parts**
    - ✓ `$ ./collect.sh 2000-00000`
    - ✓ Upload the 2000-00000.tar.gz on ETL
- TA email: [deeplearning.snu@gmail.com](mailto:deeplearning.snu@gmail.com)

Thank You!

