



Chapter 2: Tensorflow

Ex3: Multiple Linear Regression

- Hãy áp dụng Tensor Flow - Multiple Linear Regression để xây dựng model dự đoán petalwidth từ sepallength, sepalwidth, petallength
- Nếu sepallength, sepalwidth, petallength là 4.5, 3.1, 1.6 => petalwidth là bao nhiêu?

```
In [1]: # from google.colab import drive
# drive.mount("/content/gdrive", force_remount=True)
```

```
In [2]: # %cd '/content/gdrive/My Drive/LDS8_DeepLearning/Practice/Chapter2/'
```

```
In [3]: import tensorflow as tf
print(tf.__version__)
```

2.5.0

```
In [4]: import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

```
In [5]: # Load dataset
data = pd.read_csv('iris.csv')
data.head()
```

Out[5]:

	sepal_length	sepal_width	petal_length	petal_width	species
0	5.1	3.5	1.4	0.2	setosa
1	4.9	3.0	1.4	0.2	setosa
2	4.7	3.2	1.3	0.2	setosa
3	4.6	3.1	1.5	0.2	setosa
4	5.0	3.6	1.4	0.2	setosa