Chapter 3: ANN

Ex3: Predict Hourly Wage

- Cho dữ liệu Income_training.csv, hãy xây dựng mô hình dự đoán compositeHourlyWages từ những thuộc tính còn lại.
- https://www.kaggle.com/c/predict-hourly-wage/data (https://www.kaggle.com/c/predict-hourly-wage/data)

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

In [2]:
```python
# %cd '/content/gdrive/My Drive/LDS8_DeepLearning/Practice/Chapter3'
```

In [3]:
```python
import warnings
warnings.filterwarnings('ignore')
```

In [4]:
```python
# Import
import tensorflow as tf
from tensorflow import keras
from tensorflow.keras import Sequential
from tensorflow.keras.layers import Dense
import numpy as np
import pandas as pd
```

In [5]:
```python
print(tf.__version__)
print(keras.__version__)
```

```
2.5.0
2.5.0
```

In [6]:
```python
df = pd.read_csv("all/Income_training.csv")
```

In [7]:
```python
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 3197 entries, 0 to 3196
Data columns (total 4 columns):
 #   Column                Non-Null Count  Dtype
---  ------                --------------  -----
 0   compositeHourlyWages  3197 non-null   float64
 1   age                   3197 non-null   int64
 2   yearsEducation        3197 non-null   int64
 3   sex1M0F               3197 non-null   int64
dtypes: float64(1), int64(3)
memory usage: 100.0 KB
```