

Chapter 3: ANN

Ex1: Cars - Linear activation function

- Cho dữ liệu cars.csv
- Áp dụng ANN để dự đoán giá trị của một "potential car sale"

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

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

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

```
In [4]: import tensorflow as tf
from tensorflow import keras
```

```
In [5]: import matplotlib.pyplot as plt
import numpy as np
import pandas as pd
from sklearn.model_selection import train_test_split
from sklearn.model_selection import KFold
from sklearn.pipeline import Pipeline
from sklearn.preprocessing import MinMaxScaler
from tensorflow.keras import Sequential
from tensorflow.keras.layers import Dense
from tensorflow.keras.wrappers.scikit_learn import KerasRegressor
```

```
In [6]: print(tf.__version__)
print(keras.__version__)
```

```
2.5.0
2.5.0
```