HI before AI

Interactively visualize and explore your data before AI
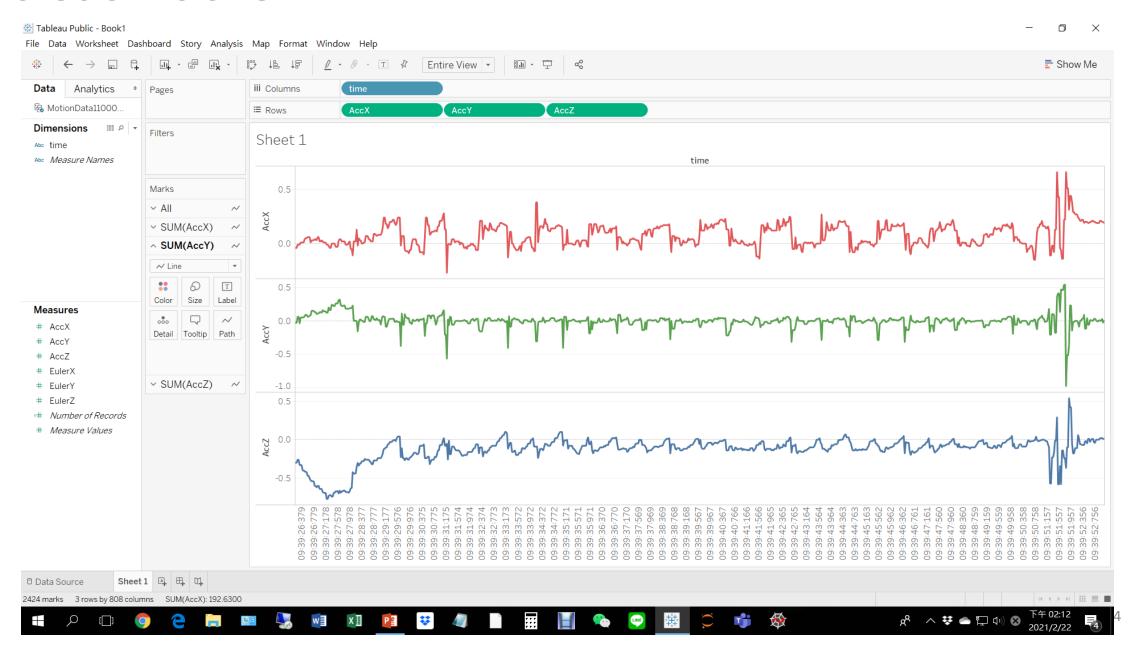

https://moolya.com/important-testers-learn-ai

Download data files from my GitHub

Interactively visual exploration – (1) Tableau Public
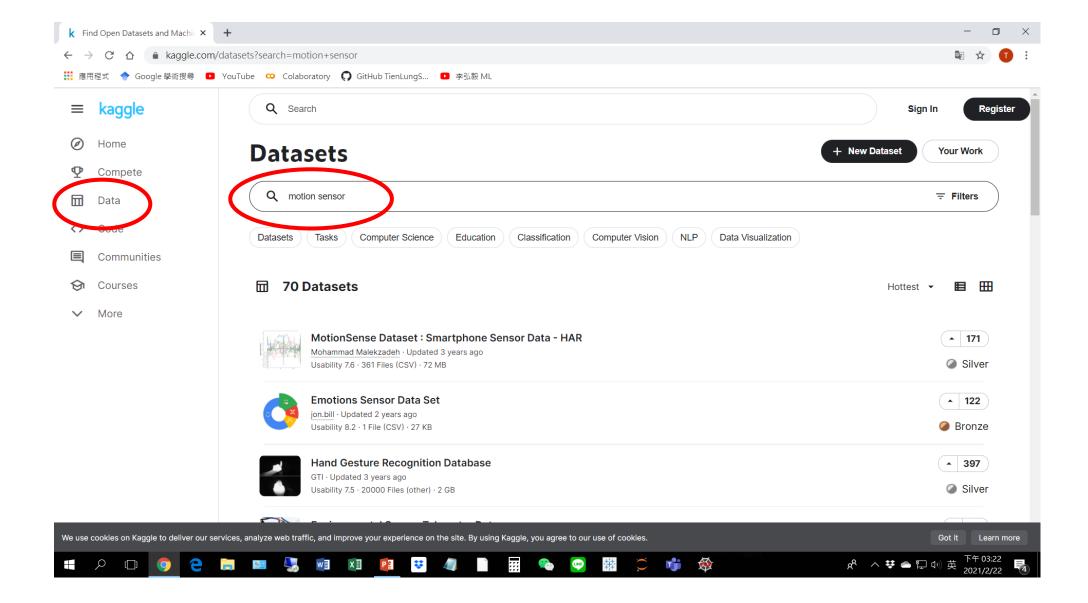

https://public.tableau.com/s/

Tableau Public

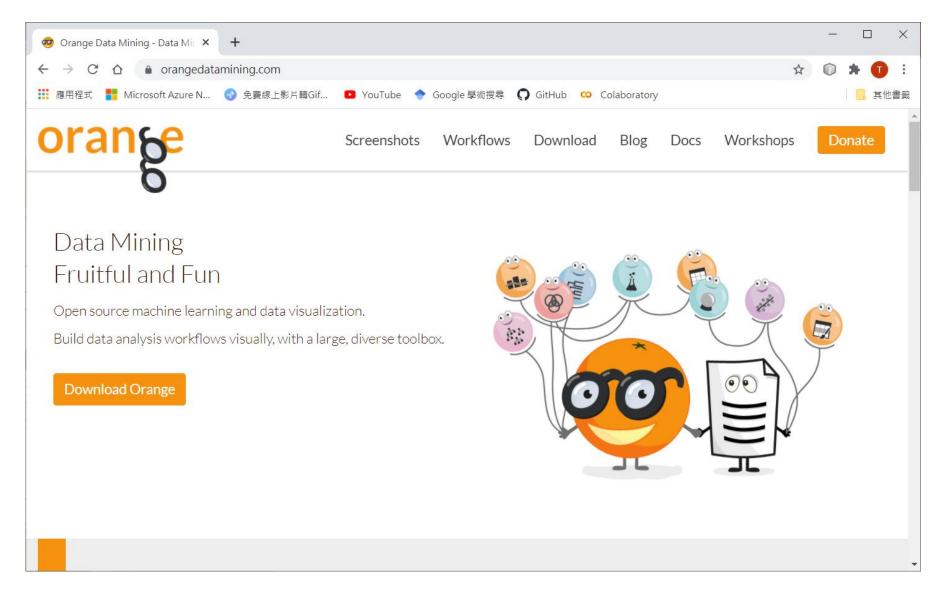# Practice – Tableau public

1. Download and install Tableau Public

2. Visualize the motion data file

3. Search Kaggle (https://www.kaggle.com/) to find a sensor data file (see next slide)
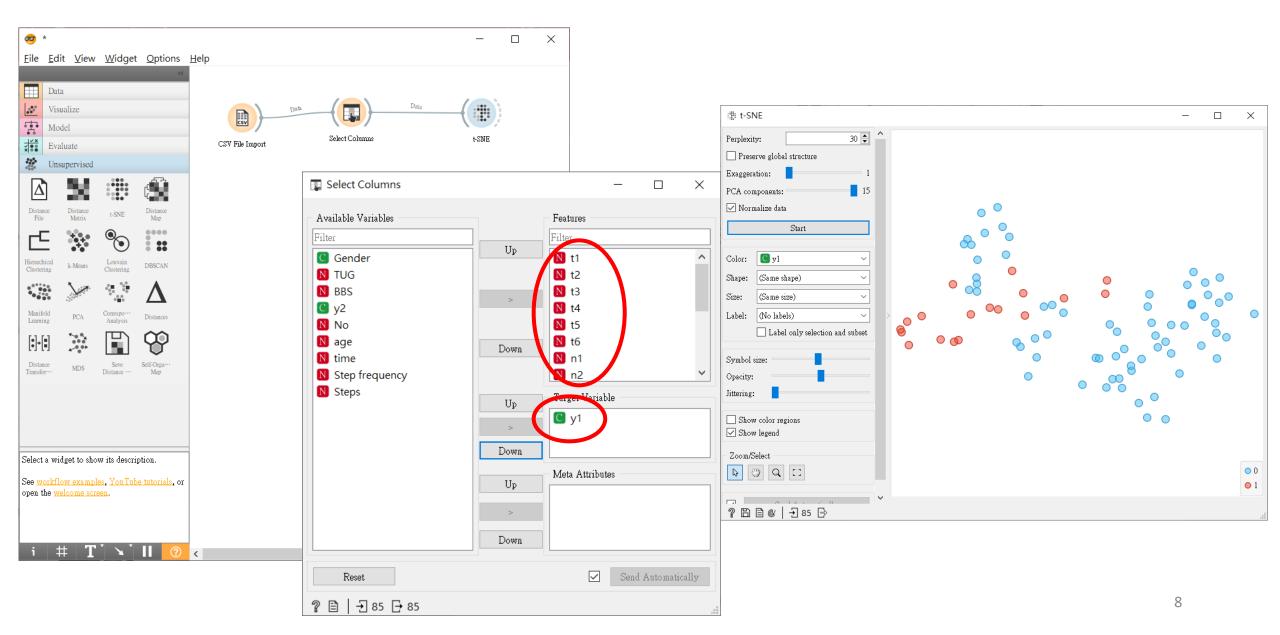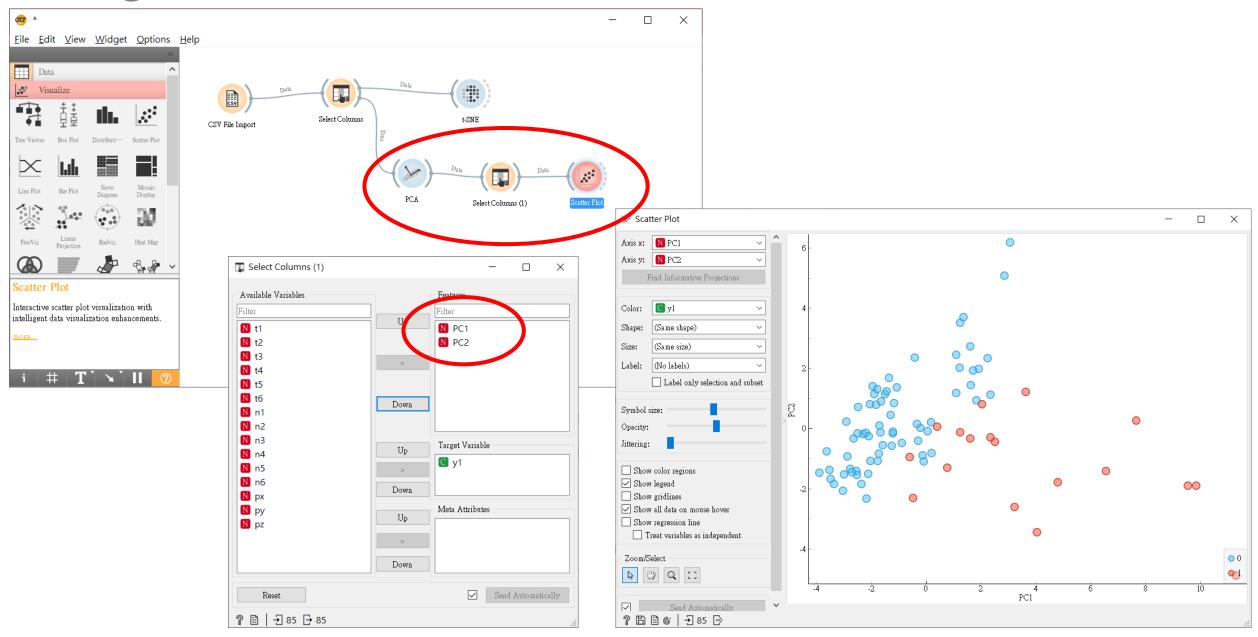
4. Use Tableau public to visualize the data file

Kaggle

Interactively visual exploration – (2) Orange
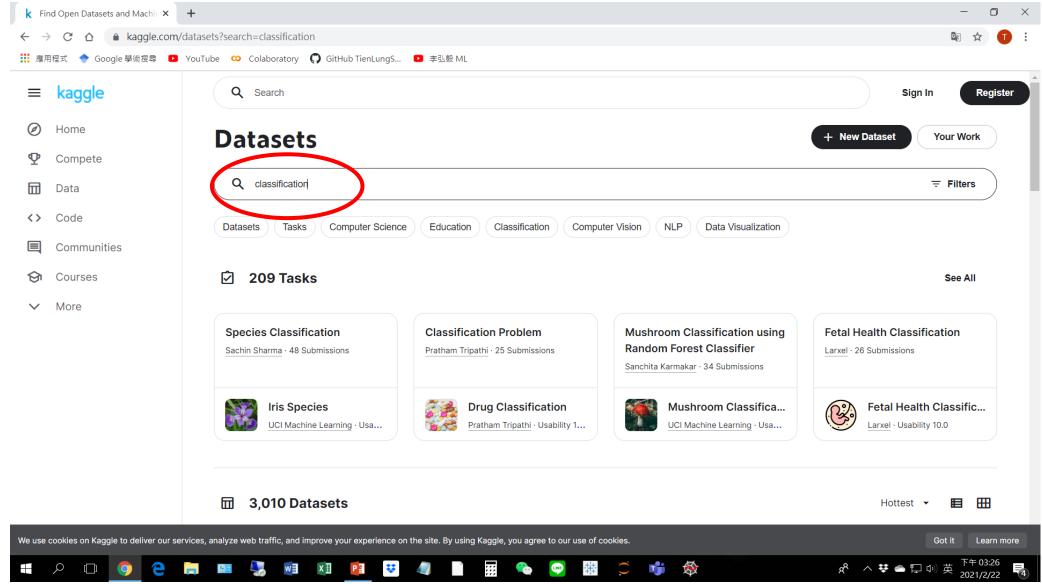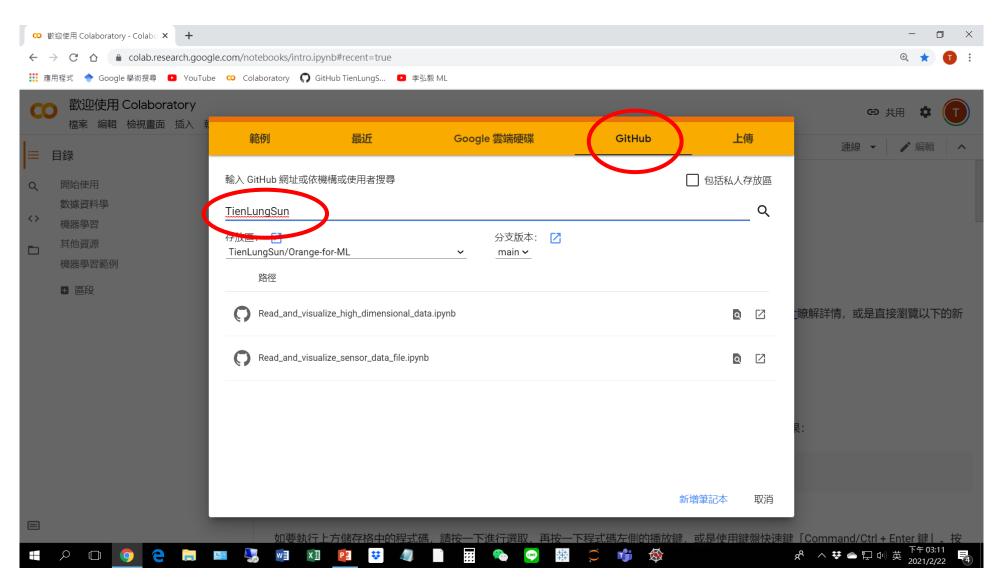

https://orangedatamining.com/

Orange

Orange

Practice – Orange

1. Download and install Orange

2. Visualize the 3M TUG data file

3. Search Kaggle to find a classification data file
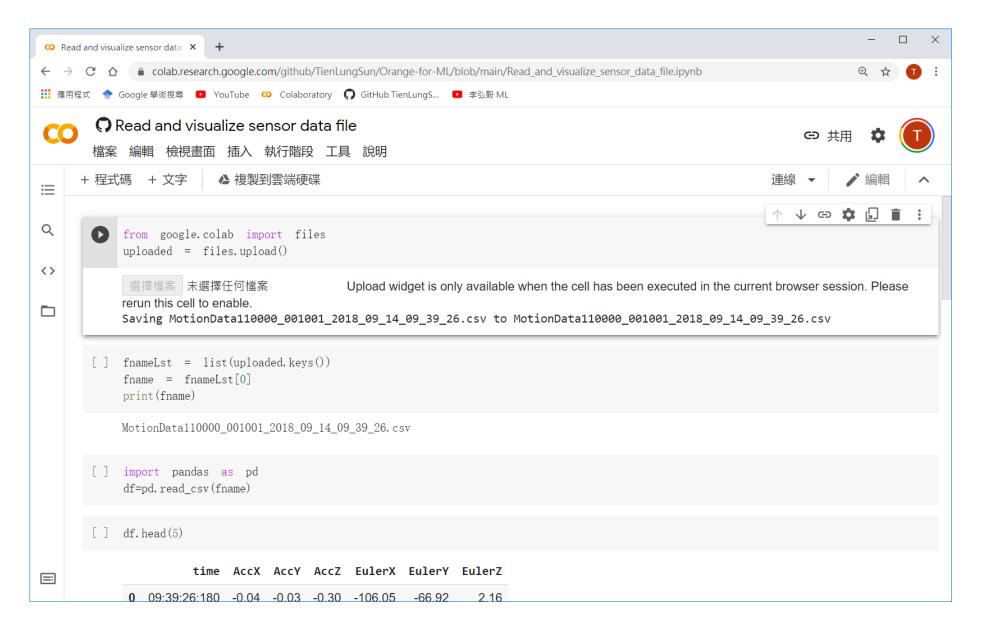
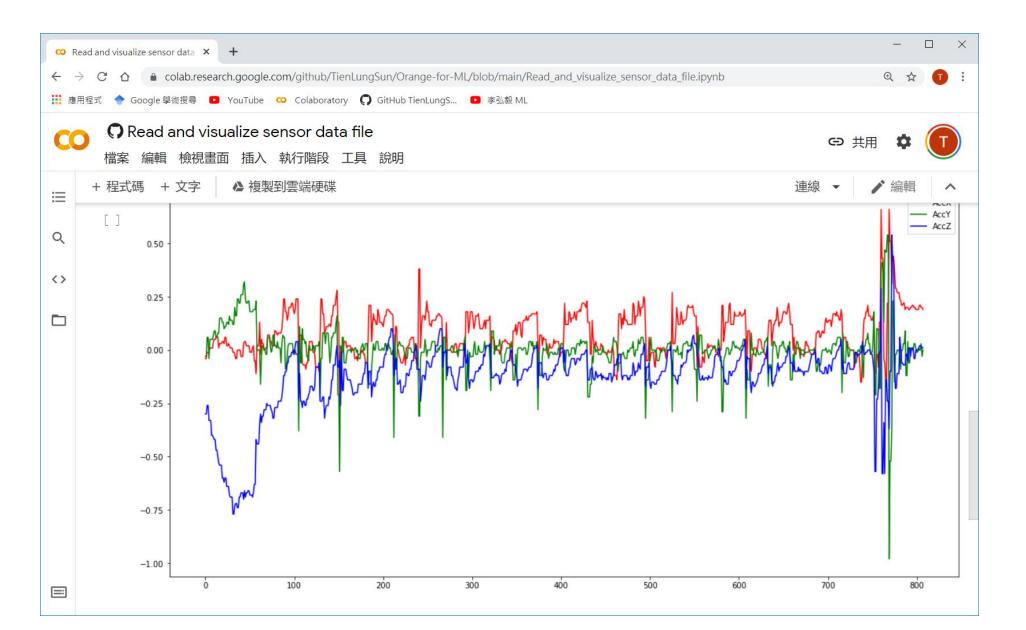4. Use Orange to visualize the high dimensional data

Kaggle

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Data visualization – (3) Python coding

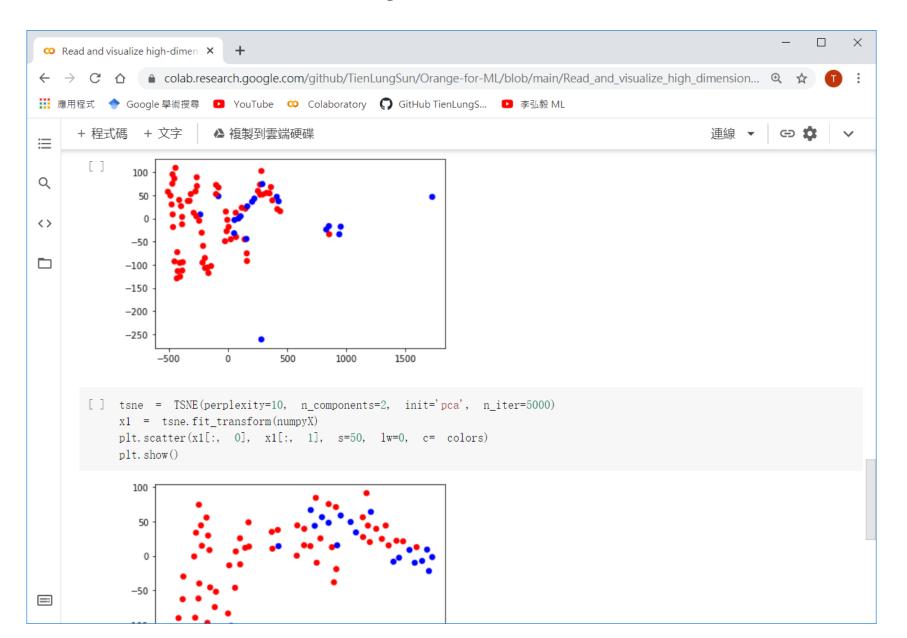https://colab.research.google.com/

Data visualization with Python

Data visualization with Python

Data visualization with Python

Practice – Python coding

1. Log in to Colab
2. Run python code to visualize the motion sensor data file
3. Run python code to visualize the 3M TUG data file
4. Run python code to visualize the two data files you download
   from Kaggle