

Project online resources

- Python data science handbook:
 - <https://jakevdp.github.io/PythonDataScienceHandbook/02.01-understanding-data-types.html>
- Atom 文字編輯器 :
 - <https://atom.io>
- Anaconda :
 - <https://www.continuum.io/downloads>
- Python step by step
 - <http://pythontutor.com/>
- google : Hello World - Machine Learning Recipes
- google : The 7 Steps of Machine Learning

Project

- 資料收集 : html, 政府資料平台(json, csv)
 - 任選資料集....
- Preprocessing: 清理, 轉換
- Visualization: 折線圖, 長條圖,...

- Learning : regression or classification
 - Classification: spam filter
 - Regression : predictor

Generate the following dataframe

There are n data features:

	x_0	x_1	...	x_n	
1					
2					
3					
9999					

Maybe there are tons of data !! Big data !!