



**NYU** | TANDON SCHOOL  
OF ENGINEERING

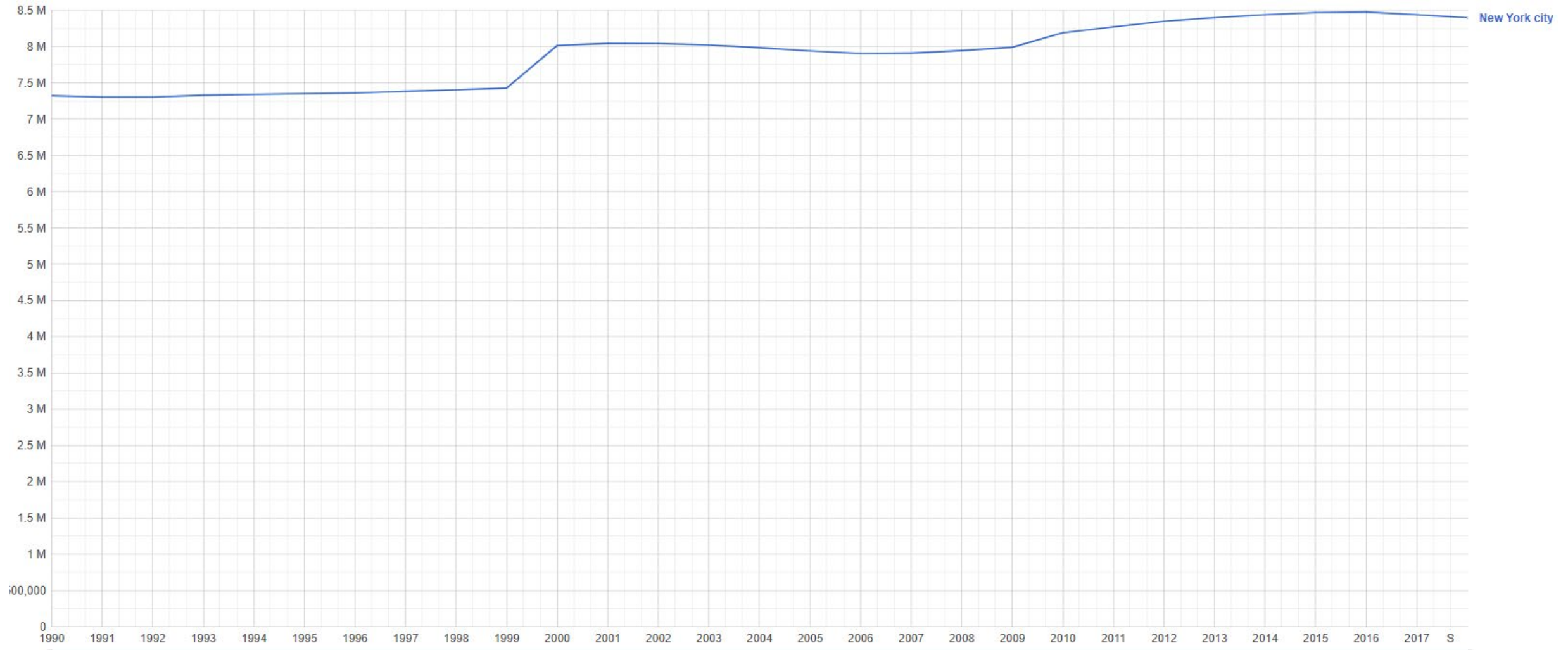
# Lab 4 Charts

Programming for Business Analytics  
MG-GY 8401



# Agenda

- Charts
  - matplotlib + seaborn
- Tables
  - pandas



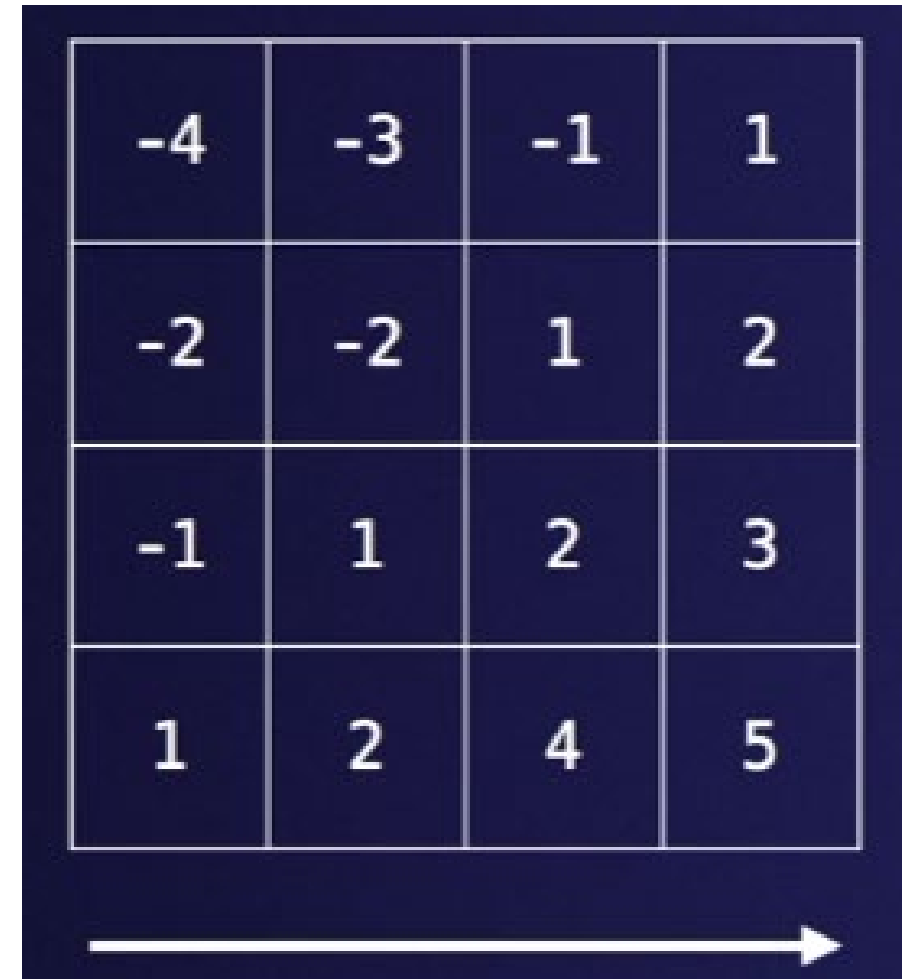


Shop  
Healthy  
NYC!



A 4x4 grid of numbers. To the left of the grid is a long white arrow pointing downwards.

-4	-3	-1	1
-2	-2	1	2
-1	1	2	3
1	2	4	5



A 4x4 grid of numbers. Below the grid is a long white arrow pointing to the right.

-4	-3	-1	1
-2	-2	1	2
-1	1	2	3
1	2	4	5

Write a function called **count\_negatives**

- Input: A 2-dimensional array of integers with sorted rows and columns
- Output: The number of negative entries in the array

-4	-3	-1	1
-2	-2	1	2
-1	1	2	3
1	2	4	5

`count_negatives(input)` # -> should return 6