

DATA VISUALIZATION

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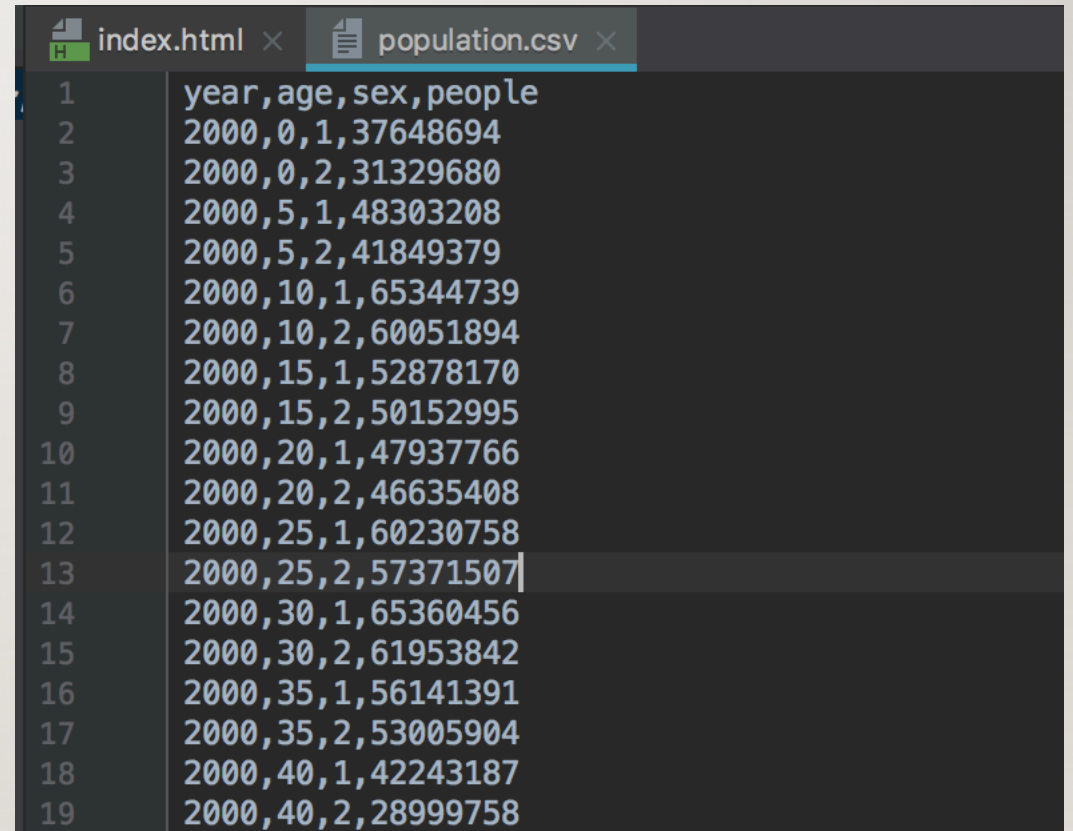
吴志文

GET DATA

- From <http://www.stats.gov.cn/tjsj/pcsj/rkpc/5rp/>
- National Bureau of Statistics of the People's Republic of China

PROCESS DATA

- put it into a .csv file
- by the order of
year,age,sex,people



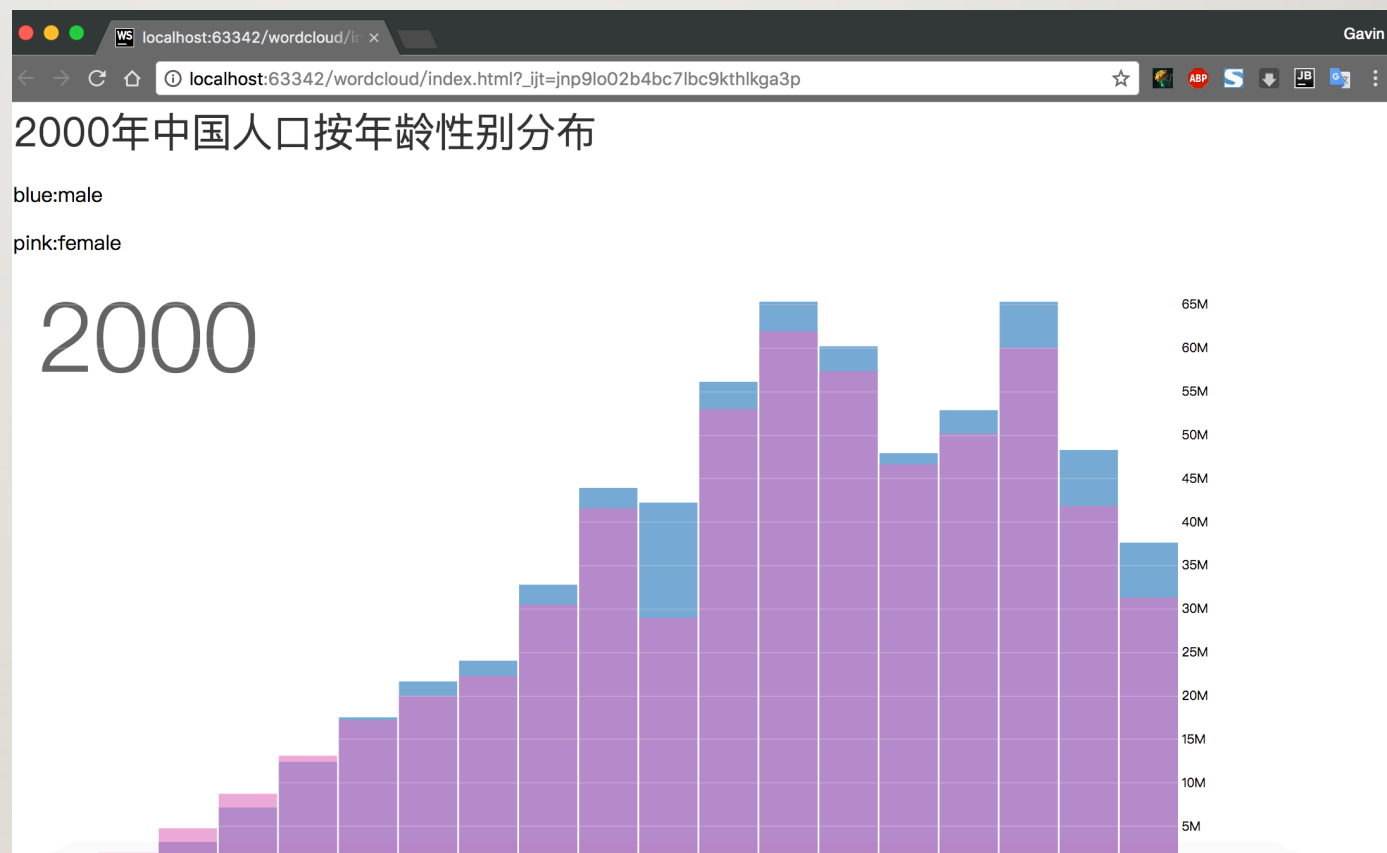
	year,age,sex,people
1	2000,0,1,37648694
2	2000,0,2,31329680
3	2000,5,1,48303208
4	2000,5,2,41849379
5	2000,10,1,65344739
6	2000,10,2,60051894
7	2000,15,1,52878170
8	2000,15,2,50152995
9	2000,20,1,47937766
10	2000,20,2,46635408
11	2000,25,1,60230758
12	2000,25,2,57371507
13	2000,30,1,65360456
14	2000,30,2,61953842
15	2000,35,1,56141391
16	2000,35,2,53005904
17	2000,40,1,42243187
18	2000,40,2,28999758
19	

VISUALIZATION

- Color
 - blue: male
 - pink: female
- Axis
 - X: age between $(x, x+5)$. such as 0 mean 0-5, 5 mean 5-10
 - Y: population

VISUALIZATION

- Final



TO BE IMPROVED

- Need to collect more data
- Use left and right arrow keys to see the visualization of other years

REFERENCE

- Code from Population Pyramid
- data from <http://www.stats.gov.cn/tjsj/pcsj/rkpc/5rp/>

THANK YVOU FOR WATCHING!