

IA640 Information Visualization

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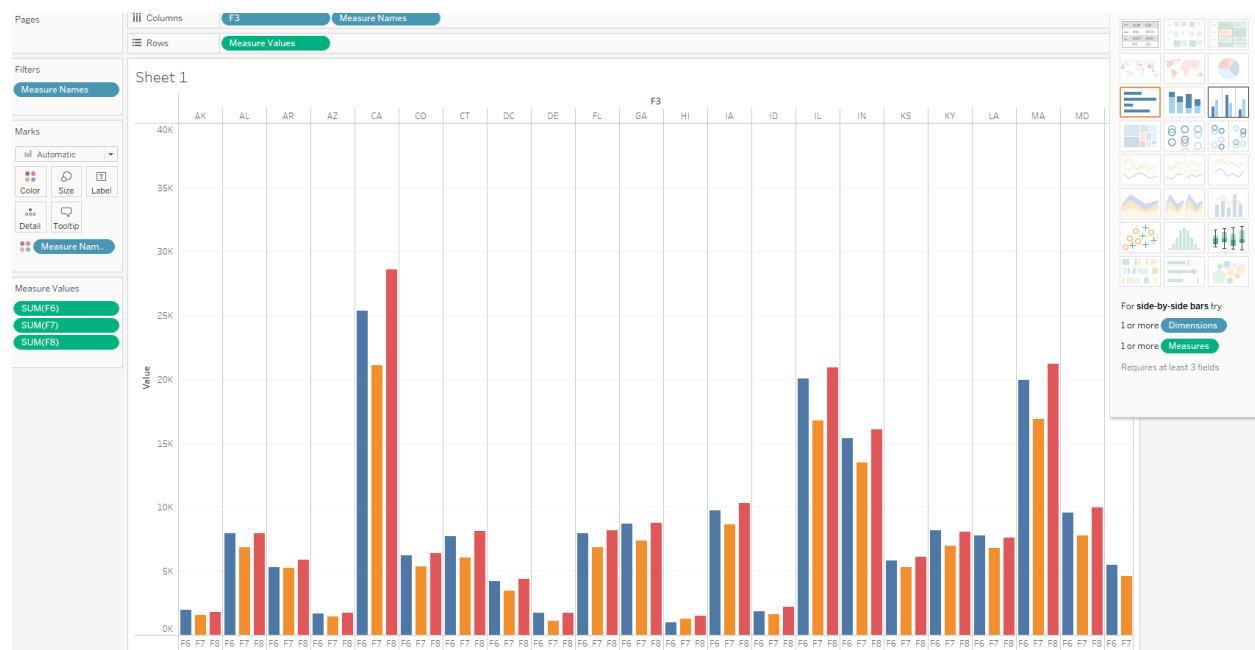
HW 8

DESCRIPTIVE ABSTRACT:

Data are from the American Association of University Professors (AAUP) annual faculty salary survey of American colleges and universities. They include average salary and overall compensation, broken down by full, associate, and assistant professor ranks. The dataset is used for the 1995 Data Analysis

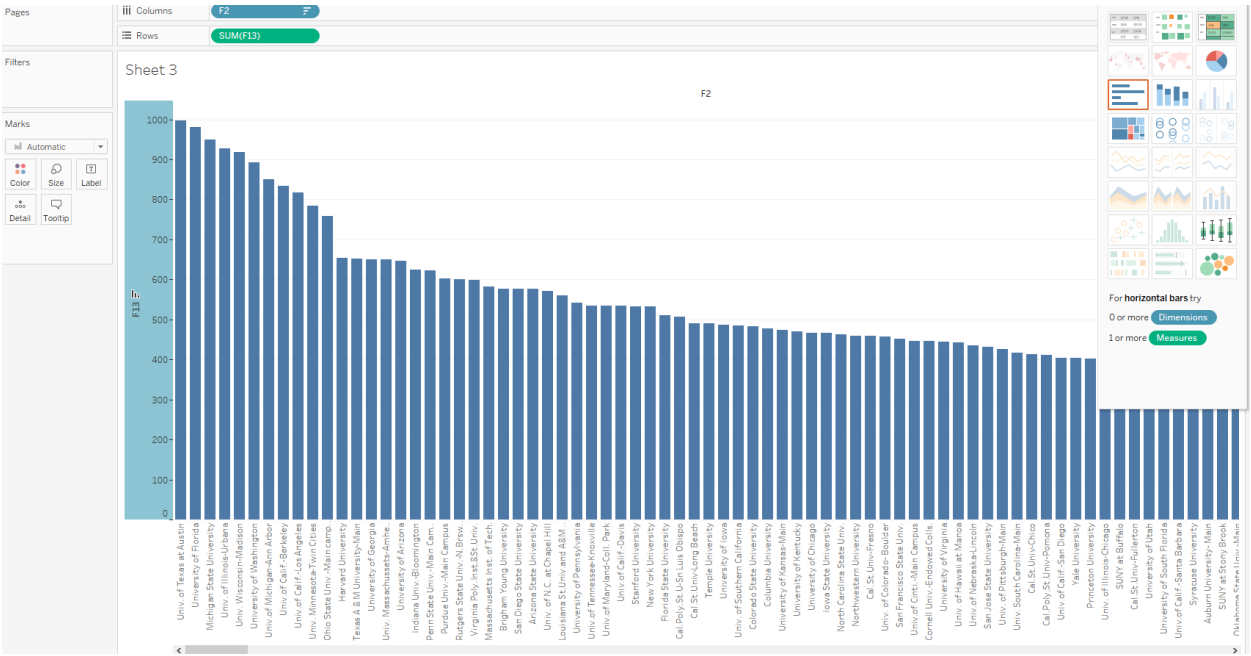
Exposition, sponsored by the Statistical Graphics Section of the American Statistical Association. See the file colleges.txt for more information on the Exposition.

Q1: Which state will have highest paid professors, associate prof. and assistant prof.?

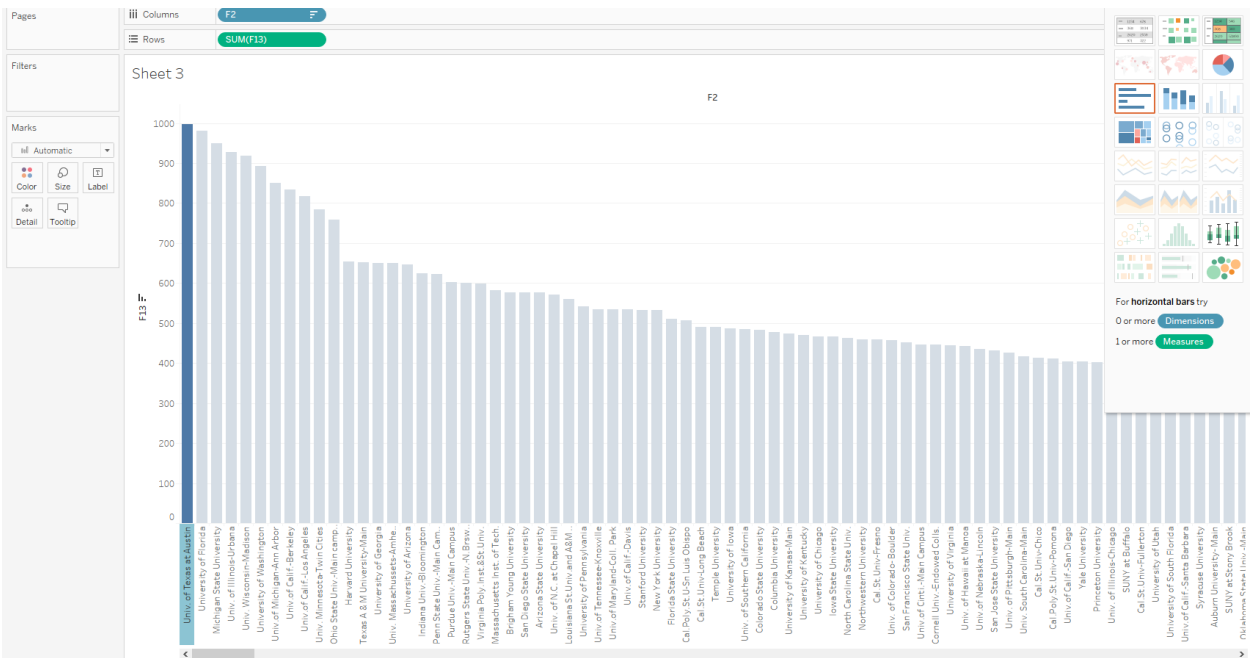


We can see that same states as I mentioned above has highest number of professors, associate professors, assistant professors.

Q3: Which one among the universities has highest number of professors?

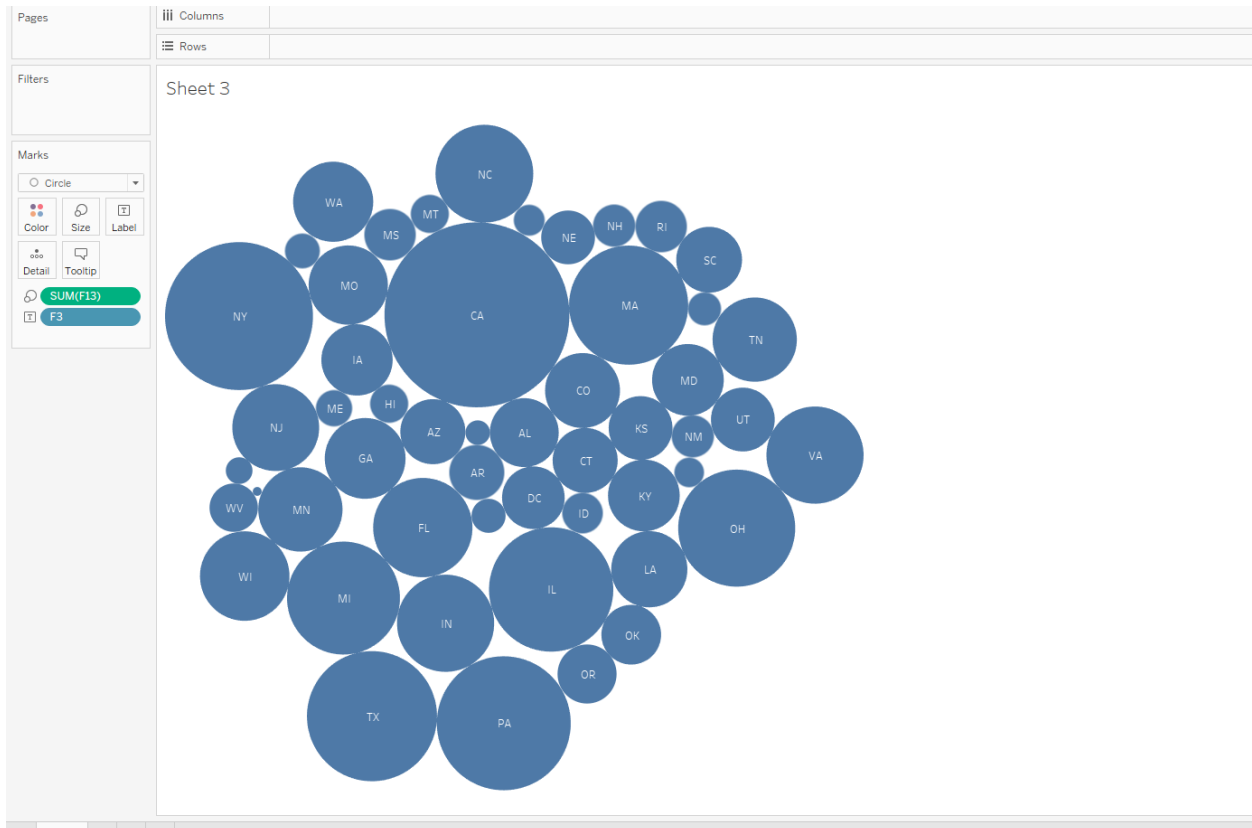


We can see university of Texas Austin has highest number of full professors.



Finding from the Dataset:

I found that number of full professors are not equally divided among the states. Which is very interesting to see that how knowledge is distributed and what universities give a handsome salary to professors teaching there. Bellow the bubbles size show the number of full professor's state wise. I would further want to explore that where these professors completed their higher education and where they have landed for research and job in education sector like university and state in this case. These bubbles can further be visualized through map.



Comments on the system (Tableau):

I used this system certain times and I found that it is the best tool available for visualization and can handle sufficient amount of data. It does support different types of data. As this tool is found to very useful I see that we have subscription to its usage as students but I see that is not freely available that it can be a problem for some learners and explorers.