

CSS Data Group



Shiyu Dou, Callie Wang, Shiyao Zhang



How can we help job seekers to find a city in the USA with a good living quality?

Occupational Category

- Management
- Mednurse
- Technology
- Education

Living Quality

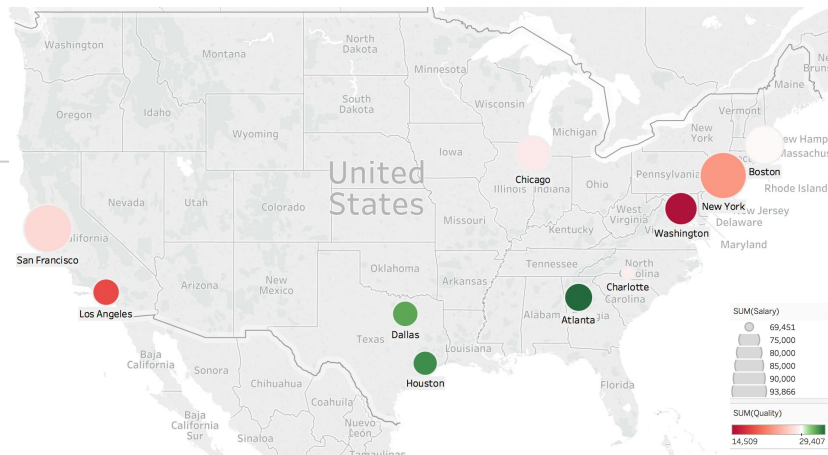
- Top 10 cities' average salary
- Average cost of living
- Relative difference between salary and average living cost



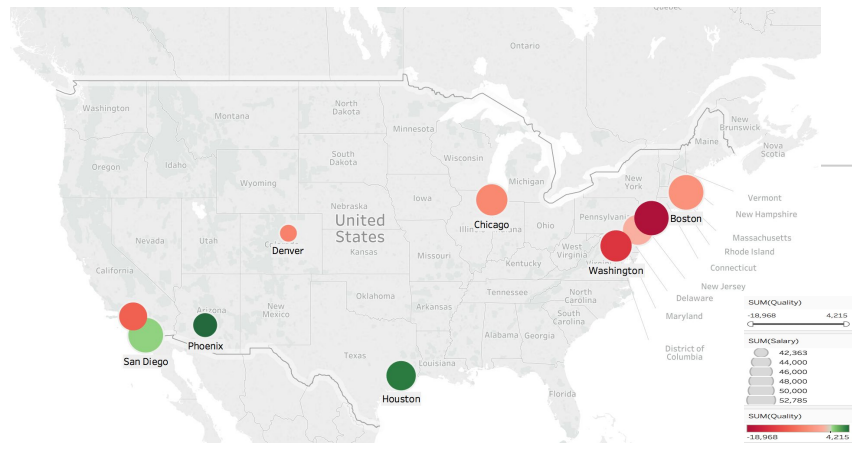
Method Used

- Take Subsets and clean them
 - Delete entries with Salary = 0
- Average Salary = Total Estimated Salary / Total Number of Posts
- Average Cost of Living = Index of Cost of Living * Base Cost of Living
 - Base Cost of Living: Prague
 - Index of Cost of Living: Percentage of Cost of Living compare to Prague
 - External Data: Expantistan(Index of Cost of Living), PatInsider(Base Cost of Living)
- Living Quality = Average Salary - Average Cost of Living

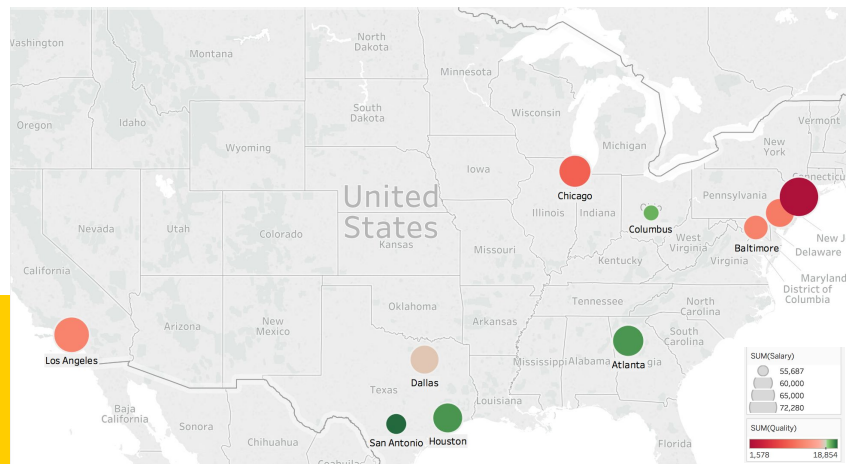
Top 10 Cities with Most Opportunities in 4 Occupational Categories



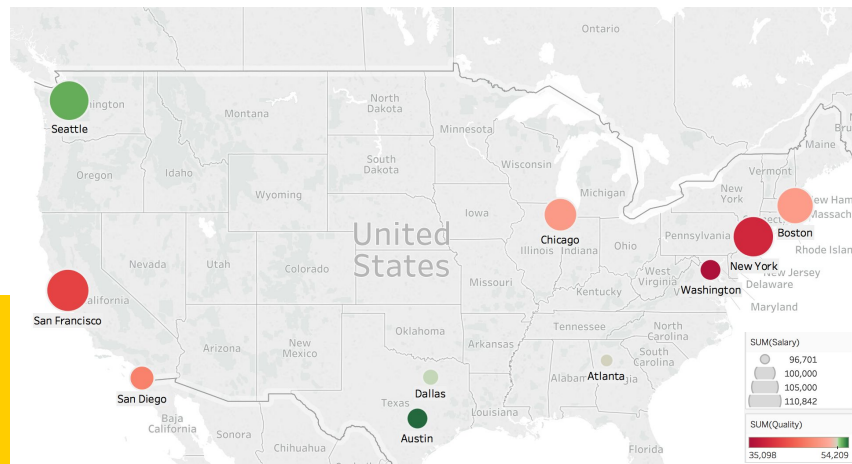
Management



Education



MedNurse



Technology