

Best cities to live for a data scientist in USA

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Data Sources

Data Science Job Opportunities

Quality of life index

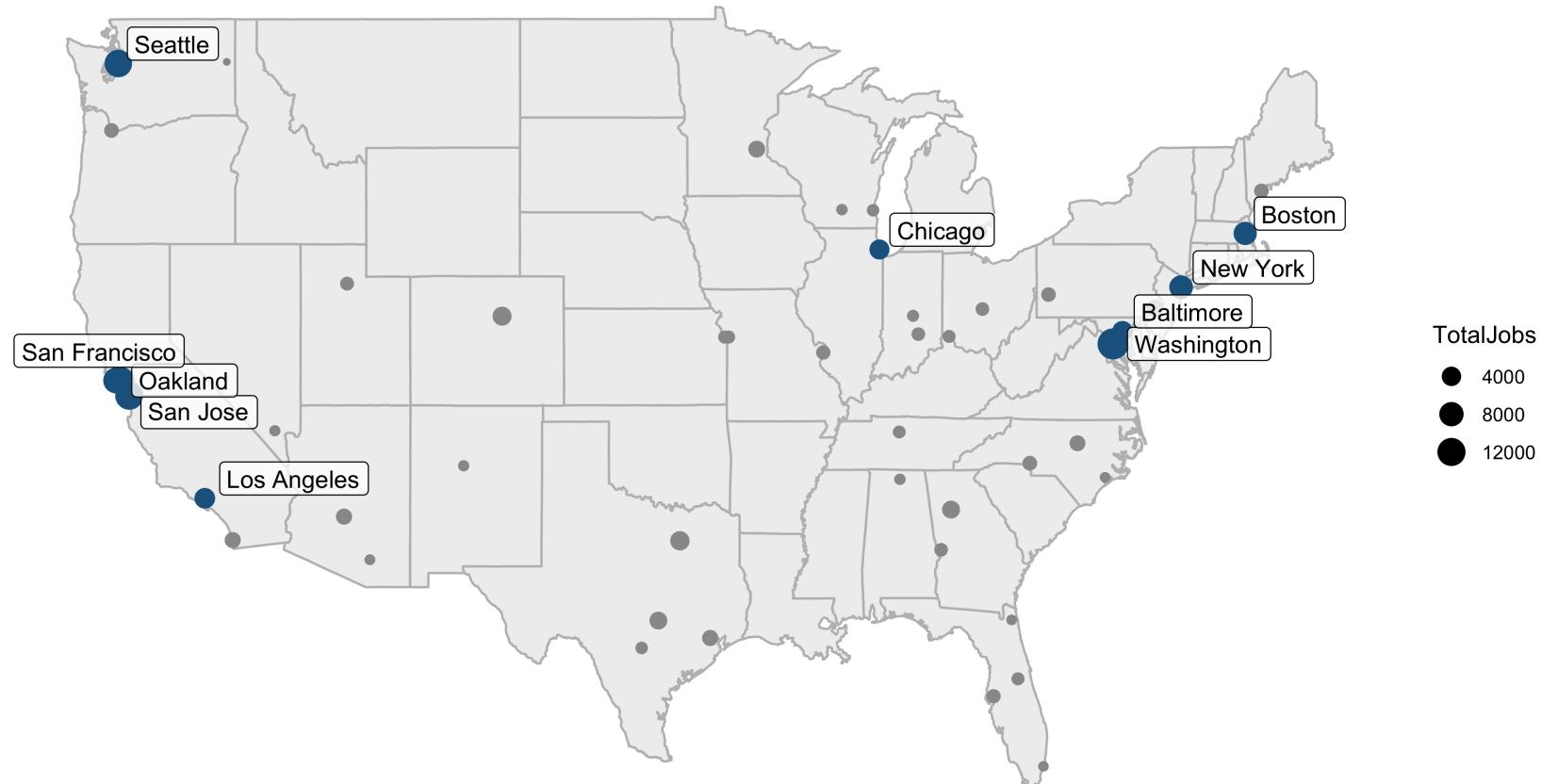


- **Sources:** [indeed.com](#) (Job Listings) and [glassdoor.com](#) (Salary)
- **Job Listings:** data for number of job listings in 45 US cities for:
 - Data Scientist, Data Engineer, and Data Analyst positions
- **Salary:** data for US cities with top 10 number of job listings for:
 - Average base salary (does not include cash bonuses)
 - National average and variation per city

- **Source:** Numbeo
 - Per Country: https://www.numbeo.com/quality-of-life/country_result.jsp?country=United+States
 - Per City: <https://www.numbeo.com/quality-of-life/rankings.jsp>
- The number of observations for the quality of life dataset per city were 206 and quality of life per country were 35. In addition, we obtain the data historically for the last three years to analyze the quality of life variance.

Almost 150k data science job opportunities

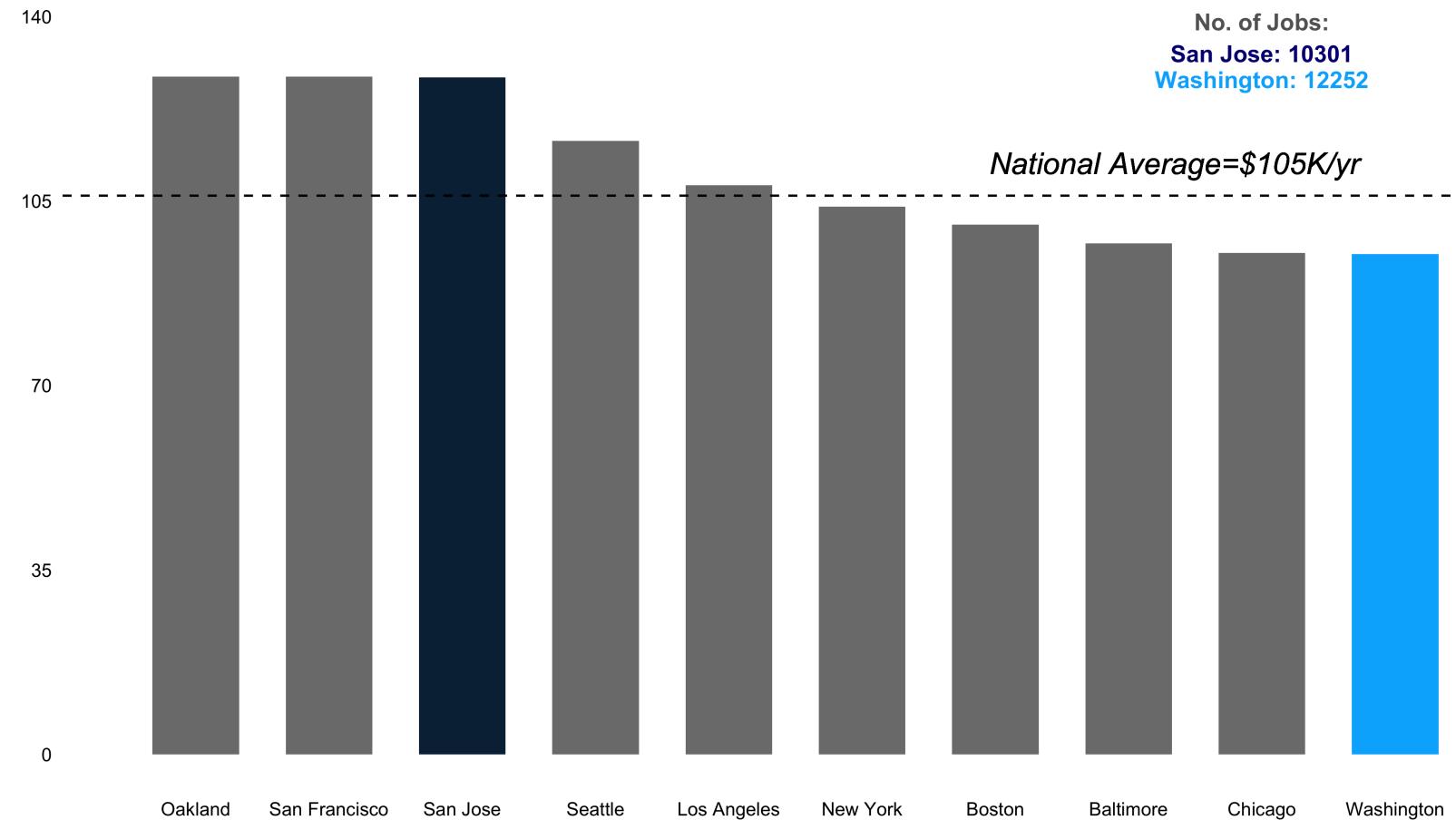
Top 10 cities with data science jobs



10 cities out of 50 are highlighted on the map for the most number of data science jobs

Amongst the top 10 cities the base salary varies...

Average salary per city and comparison with national average



Washington DC has more jobs than San Jose but avg. base salary is about \$35K/yr less than San Jose

Quality of life index: Definition

Eight indexes regarding environment, safety and expenditures.

Purchasing Power Safety Health Care



Climate



Cost of Living



Property price to income ratio



Traffic commute time



Pollution



Quality of life index



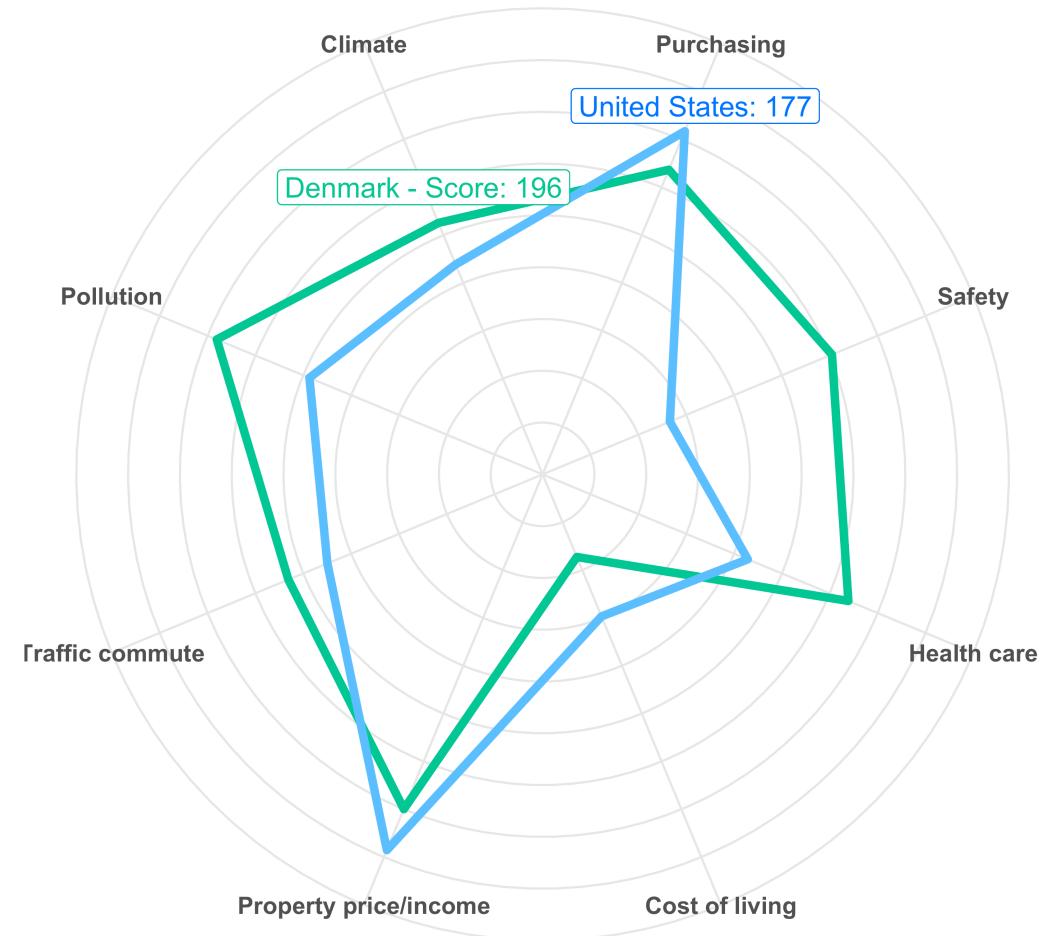
Compound index of indexes

Source: Numbeo

The index let us compare between cities or countries

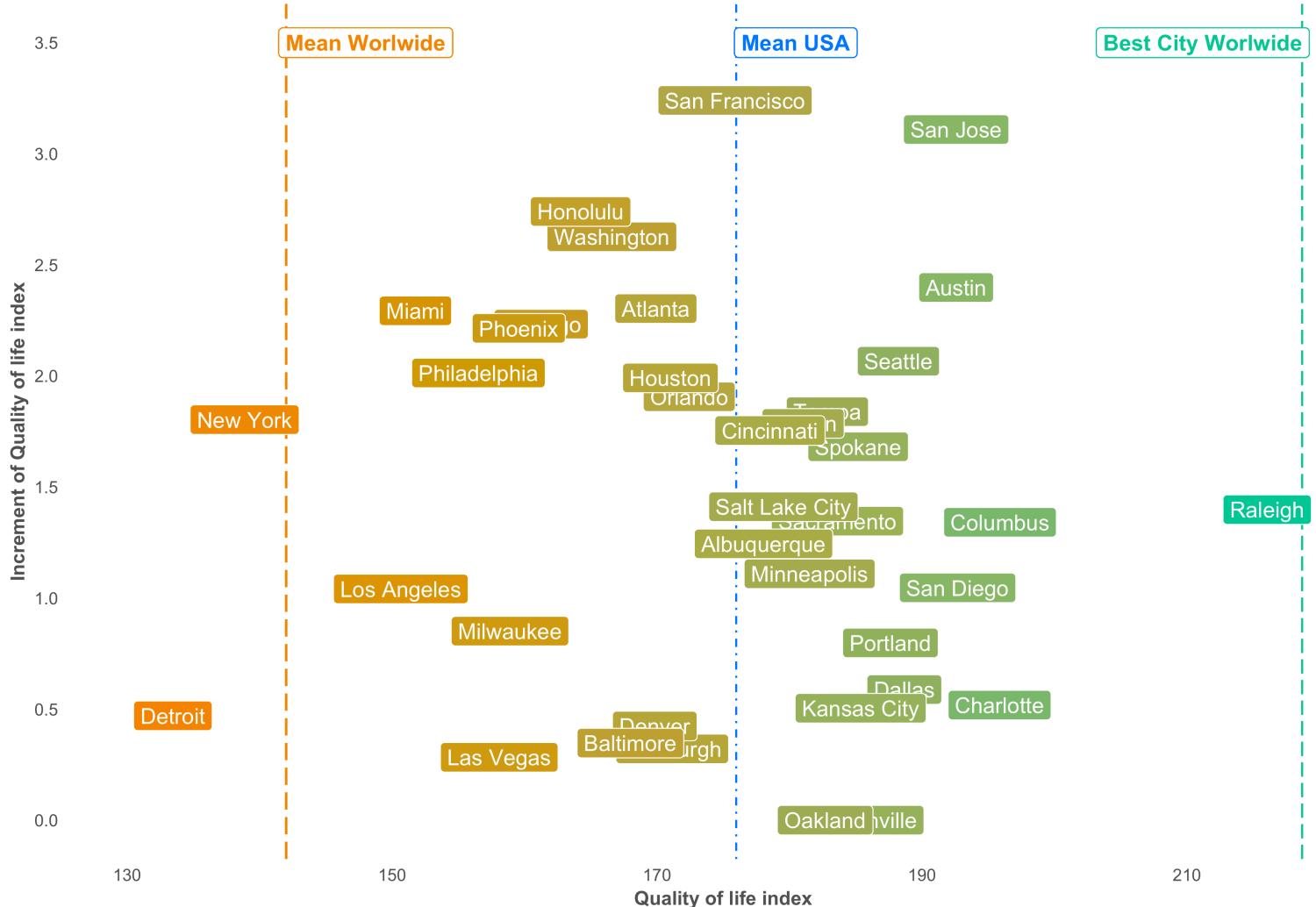


Quality of life index components



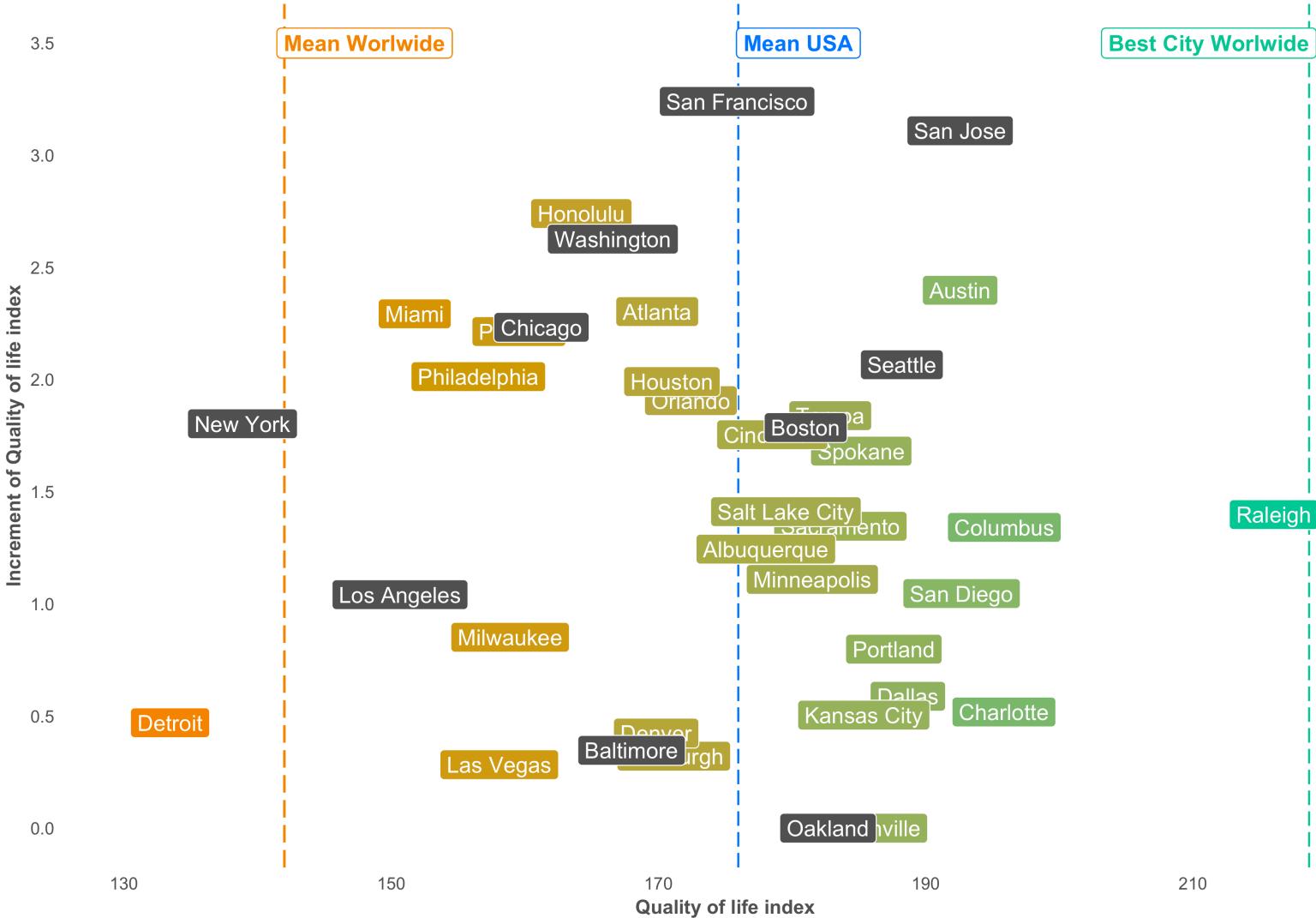
Some cities don't have the expected quality of life...

Quality of life index for USA cities



Some cities don't have the expected quality of life...

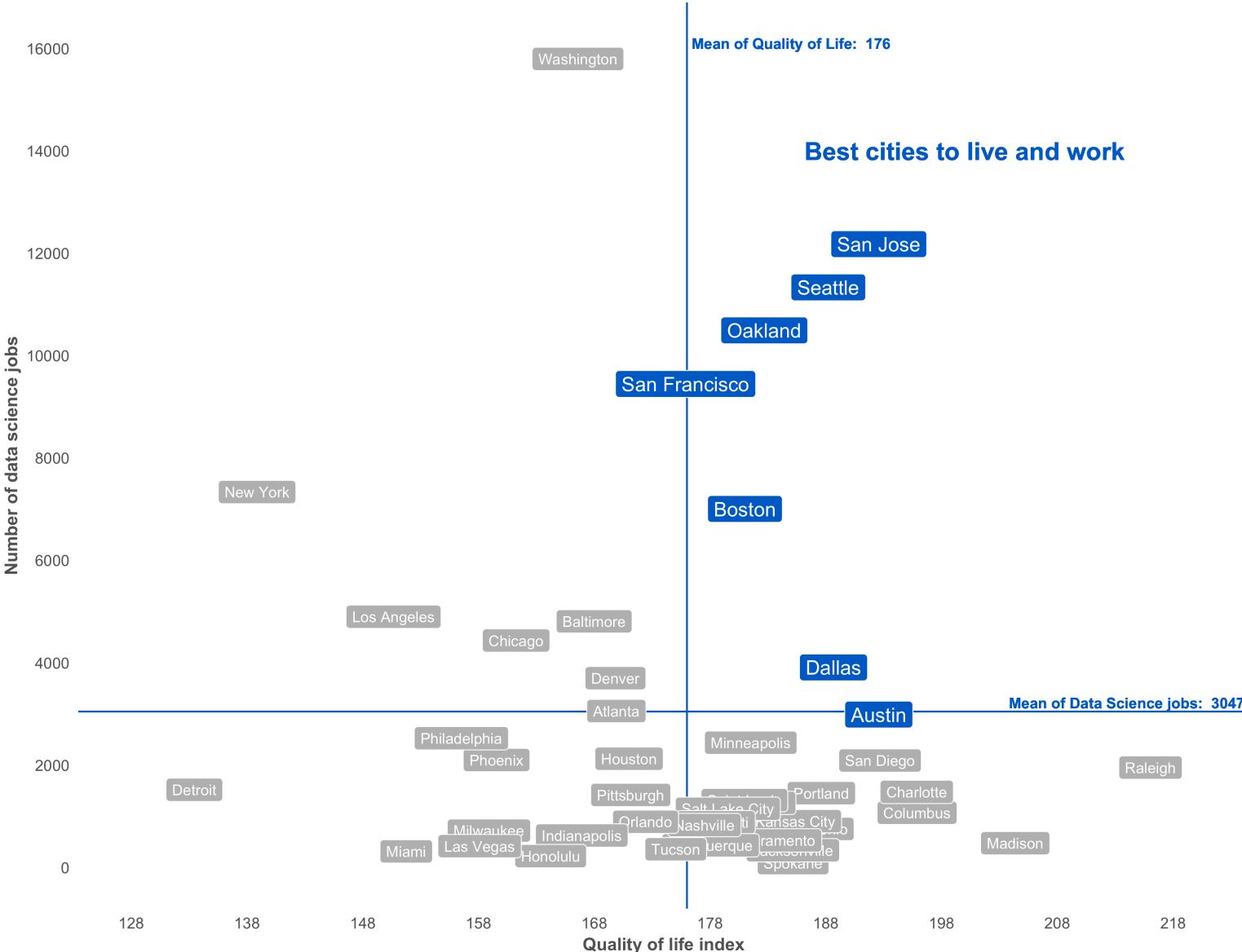
Quality of life index for USA cities



The top 10 cities based on number of jobs are not the best on quality of life

Best cities to live for a data scientists in USA

Quality of life vs. Data Science Jobs

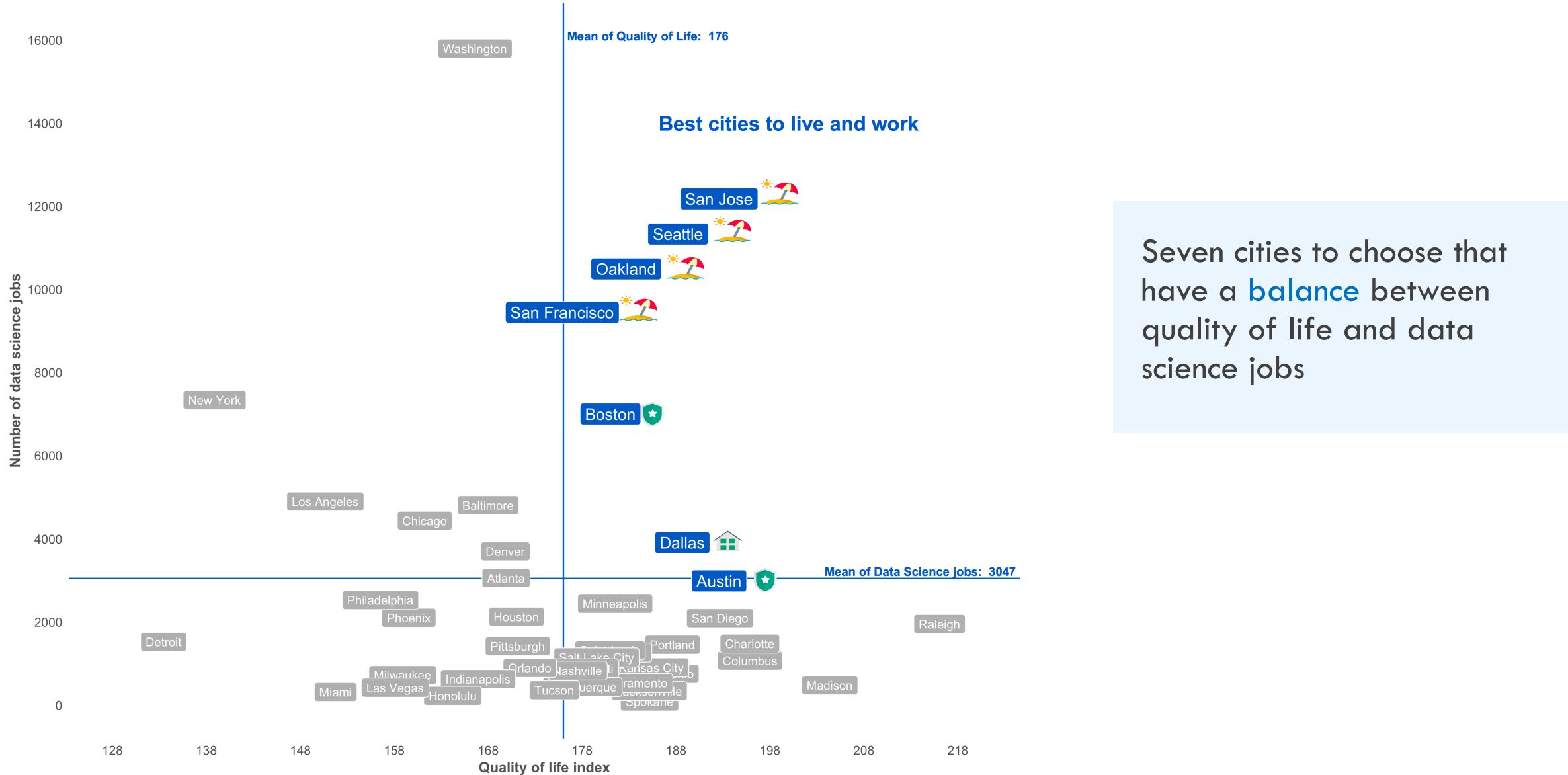


Best cities to live and work

Seven cities to choose that have a **balance** between quality of life and data science jobs

Best cities to live for a data scientists in USA

Quality of life vs. Data Science Jobs



Thank you