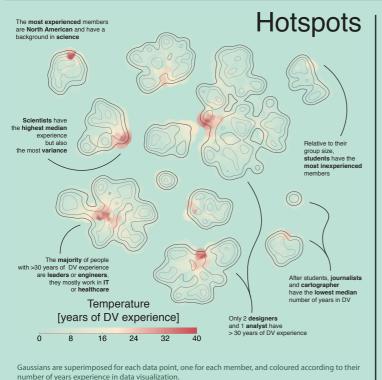
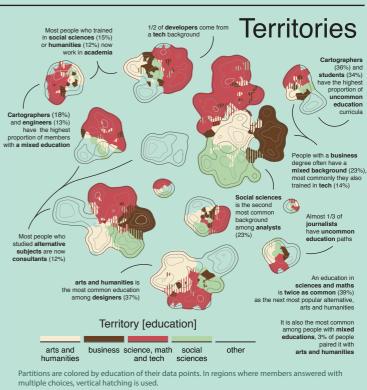
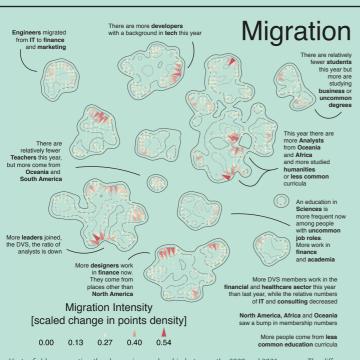
The Data Visualization Society **Atlas** Financial Business and Ravine Shore Wise Cods North America south America Mesa Stream Crest Engineer's plains Student's science Highor Island of University Height Maths Land **Dominion** Developers Cape Summit T Beach Waterfront and Business Pinnacle Shallows Alternative Plateau Mathematics Education Peak Humanities Marketing and scientist Finance Cliff Country and IT Range Alternative Social Education Height Studies 11e Ridge Channel of Social Sciences Teacher's North America Valleys slet Consultant Science Academic Twin Peaks Euro Barrier Inlet Leader's Information Technology Ridge Experience and Africa Island Slope Mount nknown Business Humanities Gulf Of Territory Asia and South America The CVIT Socsci peninsula Journalists Hills of Alternative Finance Education Asia and and IT Range Africa Shore European Designer's Social Sciences Reef Kingdom Headland Sierra Jech Training

This visualization was made for the State of the Data Visualization Industry 2021 challenge. Data from the 2021 DVS Survey was projected onto a 2d plane with UMAP, a non-linear dimensionality reduction algorithm. Job role, job sector, education, location, and years of experience in data visualization were included as input features. The map was produced by measuring the point density (translated into altitude) rescaled between 0 and 1. Landmasses represent areas with more than 0.15 of rescaled density and are proportional to the number of members in each job role. Toponyms are based on the most relevant local features but are not exhaustive.

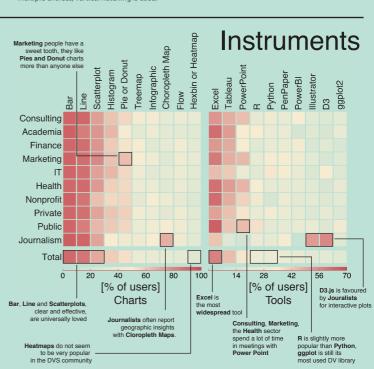


Elevation [scaled point density]





Vector field representing the change in membership between the 2020 and 2021 surveys. The difference has been calculated in terms of ratios, that is the number of members with certain properties with respect to the total number of members for that year. Finance was not an explicit option in the 2020 survey, the comparison was made with those members who declared finance or banking as their organization sector in the "other" field.



Heatmap of the top 10 most popular charts and tools reported by DVS members. These are shown in percentages of users and split by job sector. The total across all industries is shown at the bottom.