

## Design process:

- Used map with pop-up options to directly communicate the data's properties per European country.
- Used bar chart showing percentage population of each country to show relative population shares per country.
- Used group bar chart to show country-specific data.
- Added three buttons to allow user to show different time periods and leveraged animated transitions in both map and bar chart to directly show the data changing.
- Linked the map view to the overview bar chart by visually highlighting the bar chart's bar corresponding to the country the user is hovering over. Also added the reverse interaction: hovering over a bar highlights the country on the map
- Linked the map view to the country bar chart by making the countries clickable and showing the clicked country's specific data in the grouped bar chart. The default is Europe's total data.
- Added interpolated linked multiples of the top 25 muslim countries that show the estimated/interpolated change on an annual basis.
- The user can sort these small multiples on either name or percentage share.
- Made sure the map and linked bar charts are visible in the same view.