Master of Data Science - University of British Columbia Okanagan

Minutes for June 17, 2020 - 11:00 AM - 12:00 PM PST via Microsoft Teams Meeting

Present: Bruno St-Aubin (Statistics Canada), Sofia Bahmutsky, Ngan Lyle (Minutes), Kaitlyn Hobbs, Shreeram Murali

Meeting Notes

d3 Visualization

- Tooltip offset

  1. The tooltips will appear differently in different browsers
  2. Tooltip was optimized for Safari on KT's computer but does not work as well in Chrome (some tooltips do not appear) or Ngan's Safari (tooltips blinking)
  3. Blinking is related to moving the cursor over the box which is treated as a "mouseout" before the box moves and the box appears again
  4. For placement better to have tooltips in the body and position is referenced from PageX which is the top left corner of the screen
  5. Bruno helped to recode the tooltips for both the map and chart

- Chart size with window resize

  1. Better to put labels (e.g. title) of charts in its own div so the title is not resized when the window is resized
  2. Have to put chart in a viewbox (html) if we want it to scale on window resize
  3. Chart shifts downward with window resize (not expected)

- Link map with the chart on click

  1. Bruno coded a demo to hover over the map with highlighting on the lollipop chart

- Basic CSS is for OK for our purposes.

- Lollipop chart dots are small/hard to see, ?use invisible bars

Action Items

1. For the d3 viz

- Add functions so that the map is highlighted when we hover over the chart

2. Final Presentation to StatCan

- Send Bruno link for our 599 final presentation

Next Meeting: Wednesday, June 24 at 11am