Lab Notes for Dash Dashboard

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Question, story the data can tell:

Our interest was to look at the data from different perspectives and compare how genders were either different or similar. We plotted:

- gender percentage by sector - For all sectors, what is the gender distribution?
- aggregated and plotted top 5 activities by gender - what are the top 5 most popular activities that are funded?
- loans mapped by country - In our plot.ly dashboard, we were looking at each country for what percentage of loans were made to females? In our app.py, we asked how many loans made per country?

Two versions of dashboard were created, app.py and https://plot.ly/dashboard/LillyRaud:2/view.

Screenshots of both are attached.

plot.ly/dashboard:

pluses: unified style and pleasing layout. Map presents gender ratios, so the whole dashboard is telling the same story.

minuses: in this version, the filters do not work, not sure if this is considered as working code.

app.py:

pluses: working python code, filters work as expected

minuses: each plot is in it's own style, need to unify font, color and location of filters and legends; map shows total loans, not gender ratio by country.

All code and data can be found: https://github.com/SJCaldwell/kiva-gender-plotly