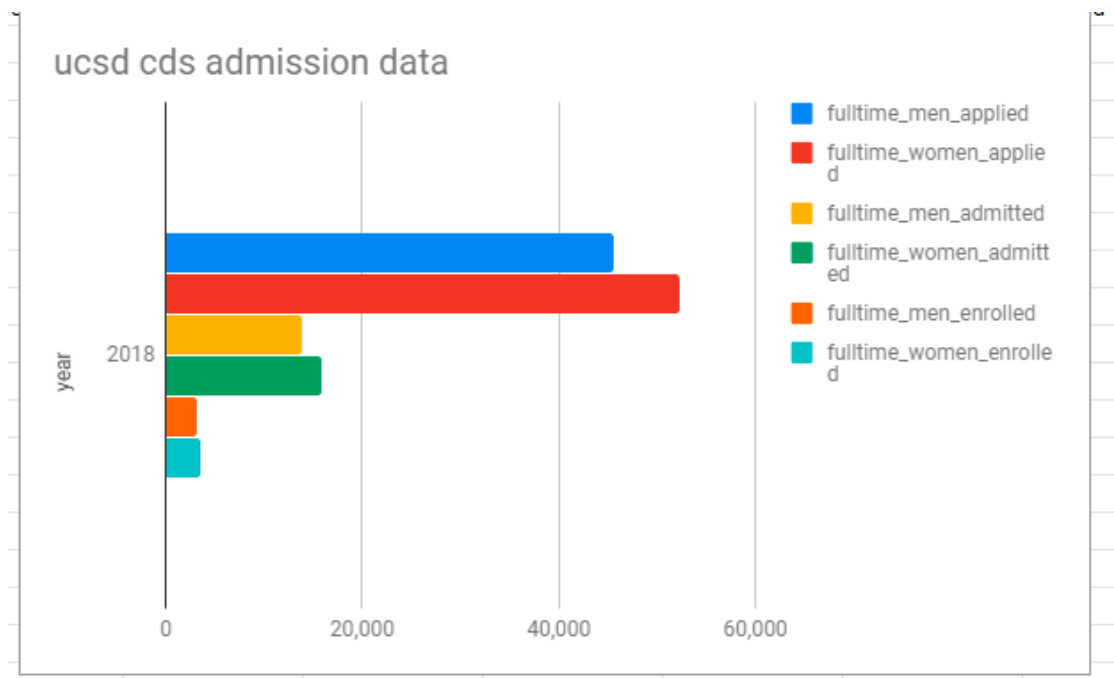
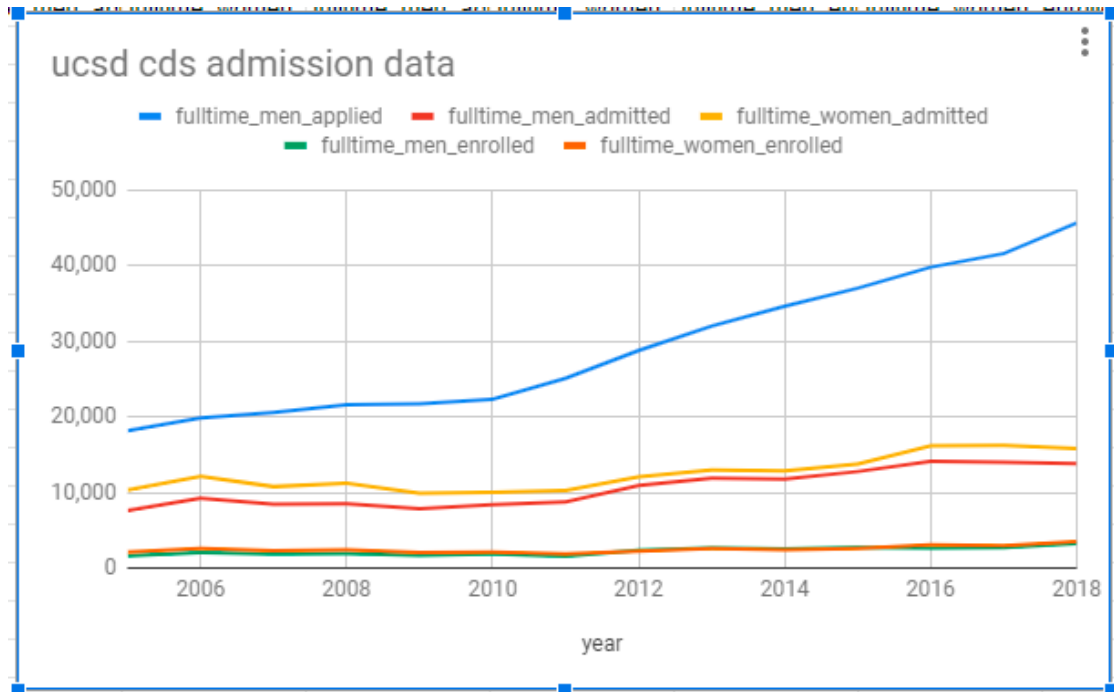
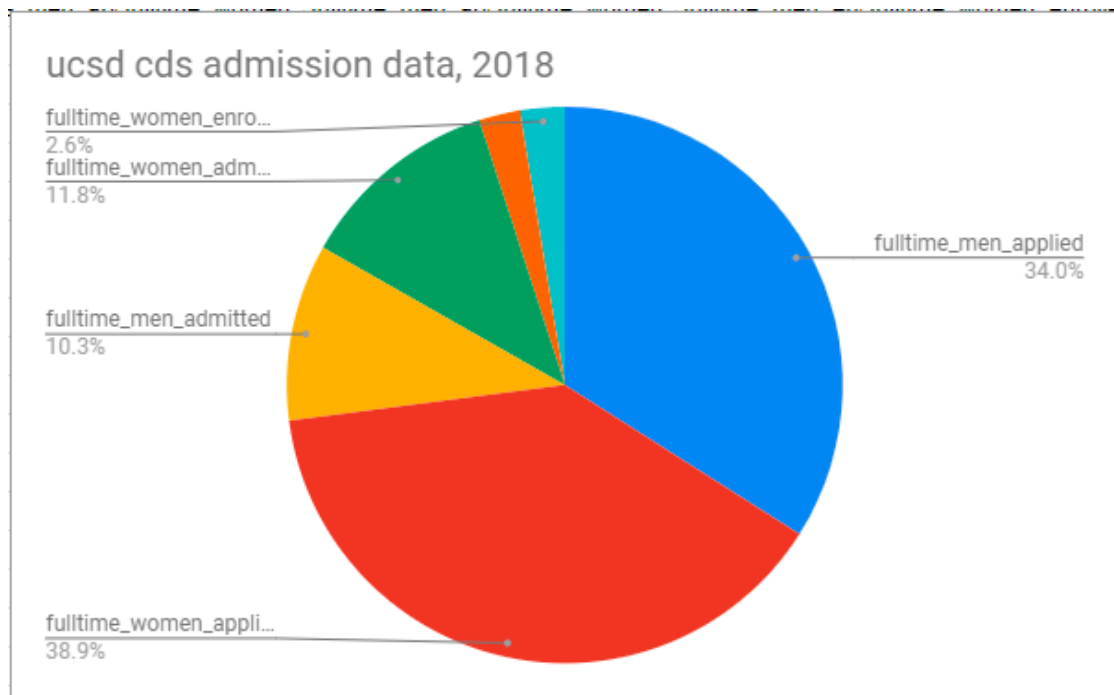


Section I: Charts

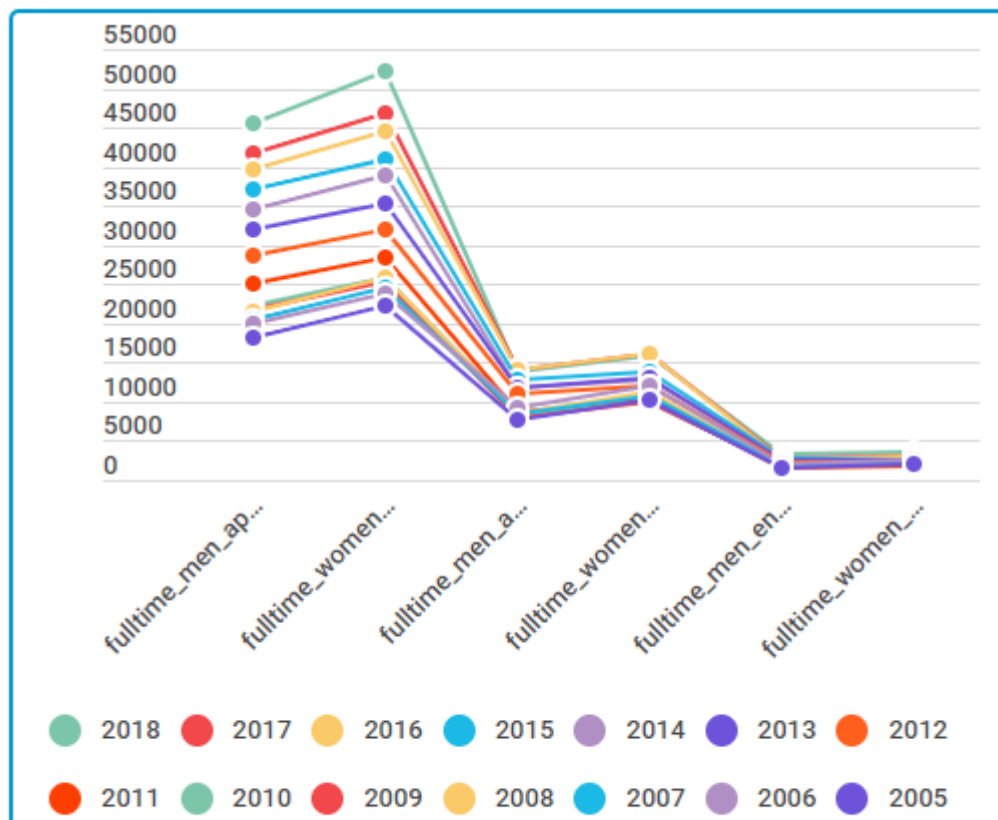
1. Google G Suite

Actually Google sheet, since G suite is for business use and it is not free.

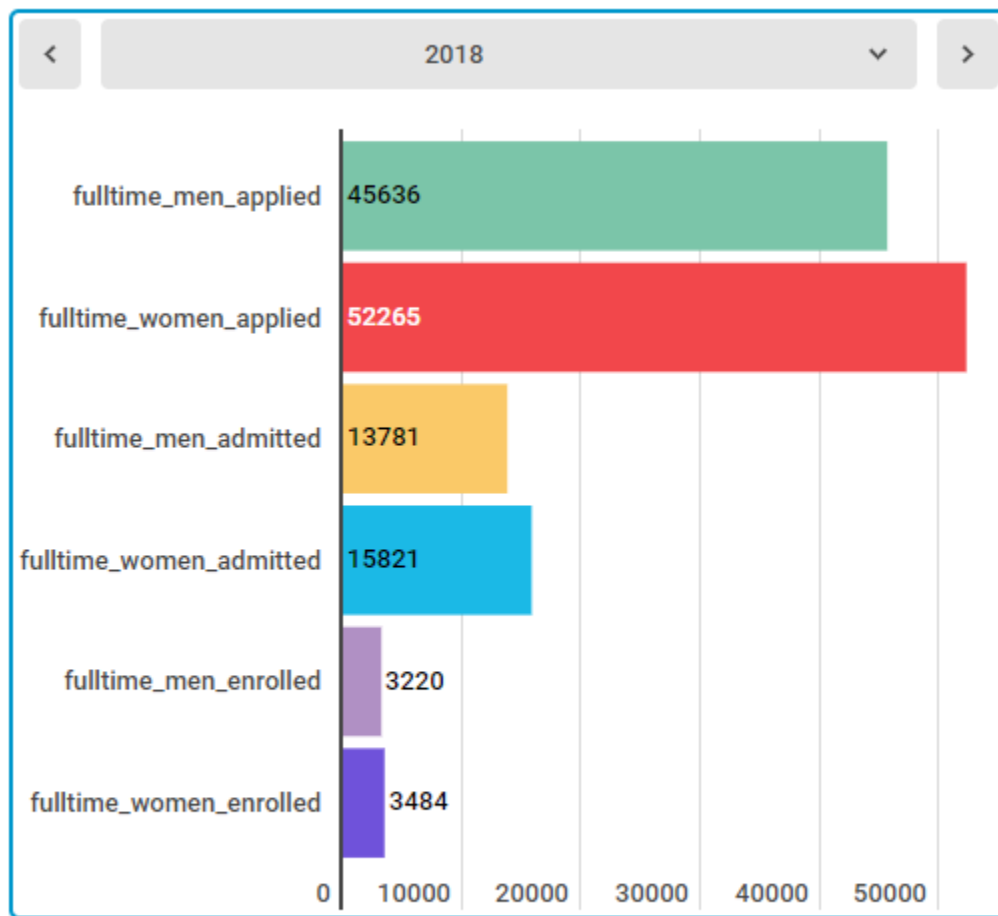




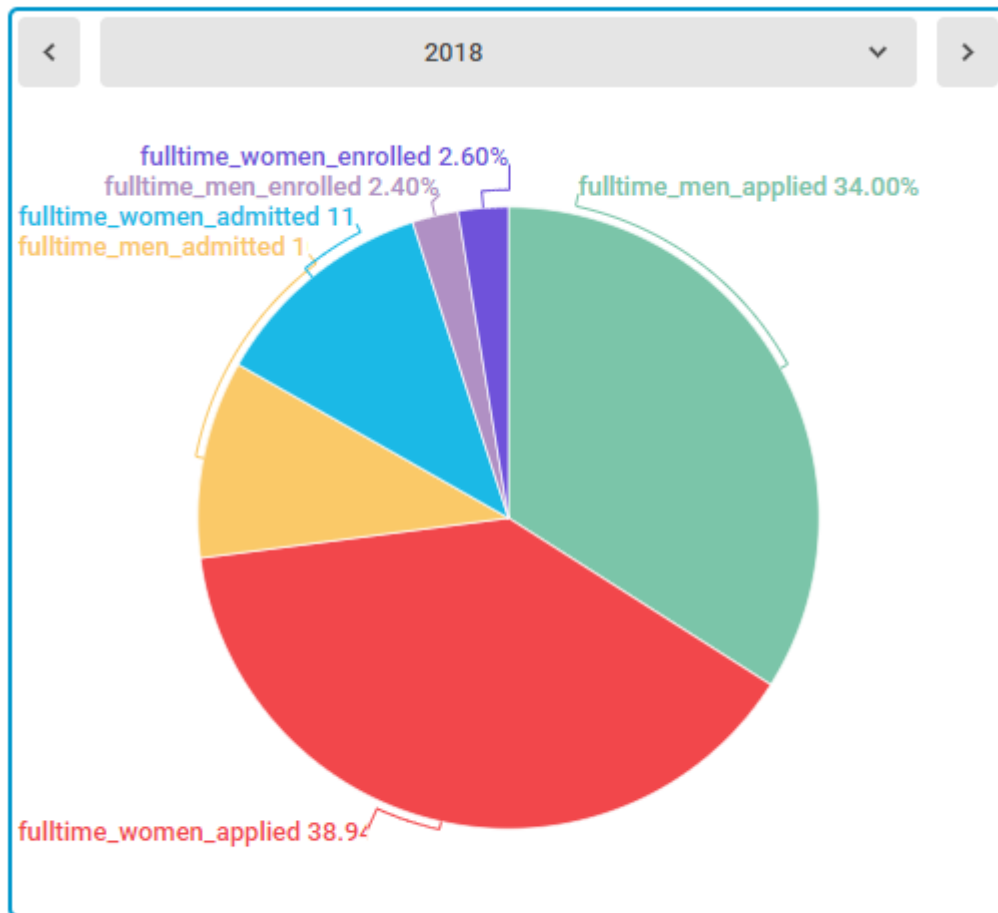
2. Infogram



UCSD CDS ADMISSION DATA



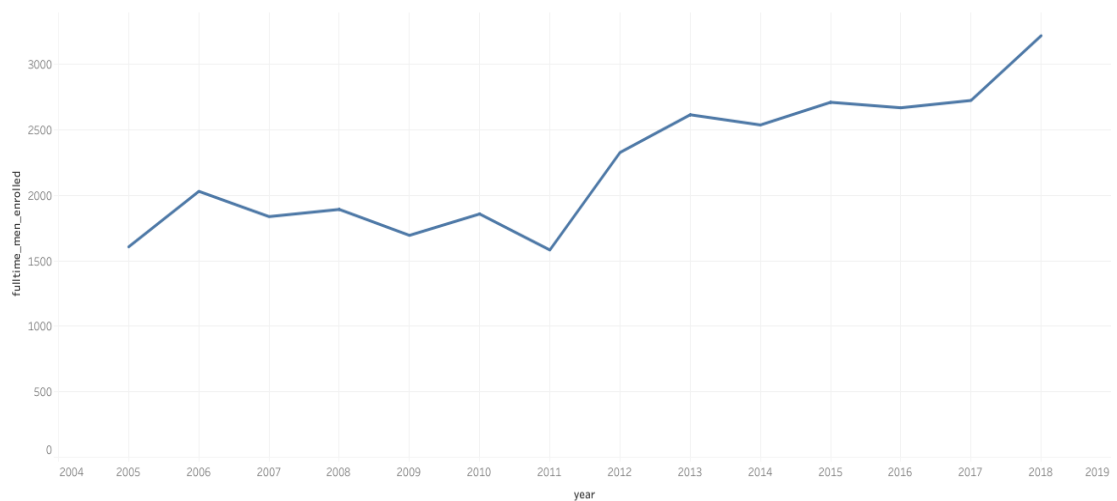
UCSD CDS ADMISSION DATA



UCSD CDS ADMISSION DATA

3. Tableau public

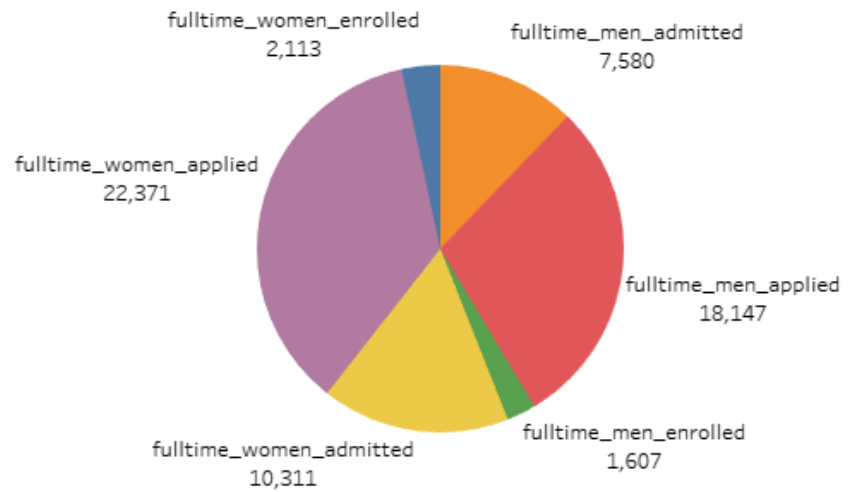
工作表 1



UCSD CDS ADMISSION DATA 1

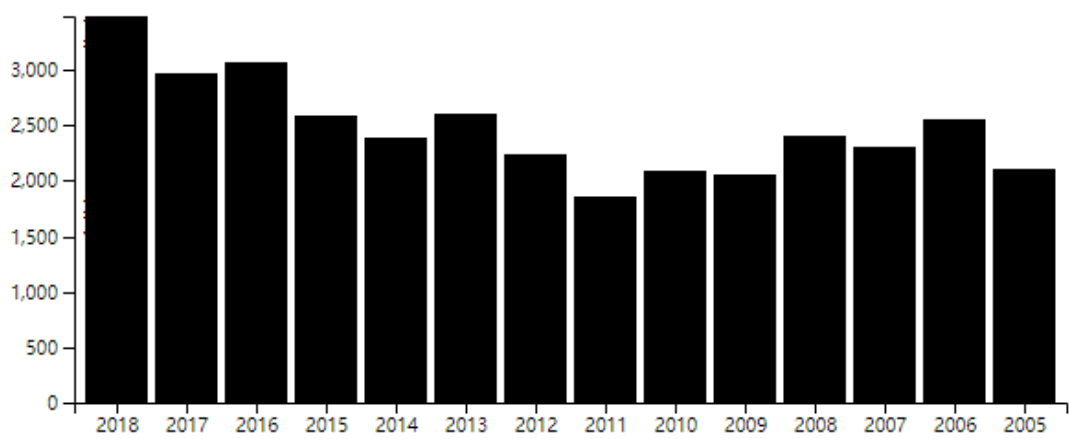


UCSD CDS ADIMMISSION DATA 2005

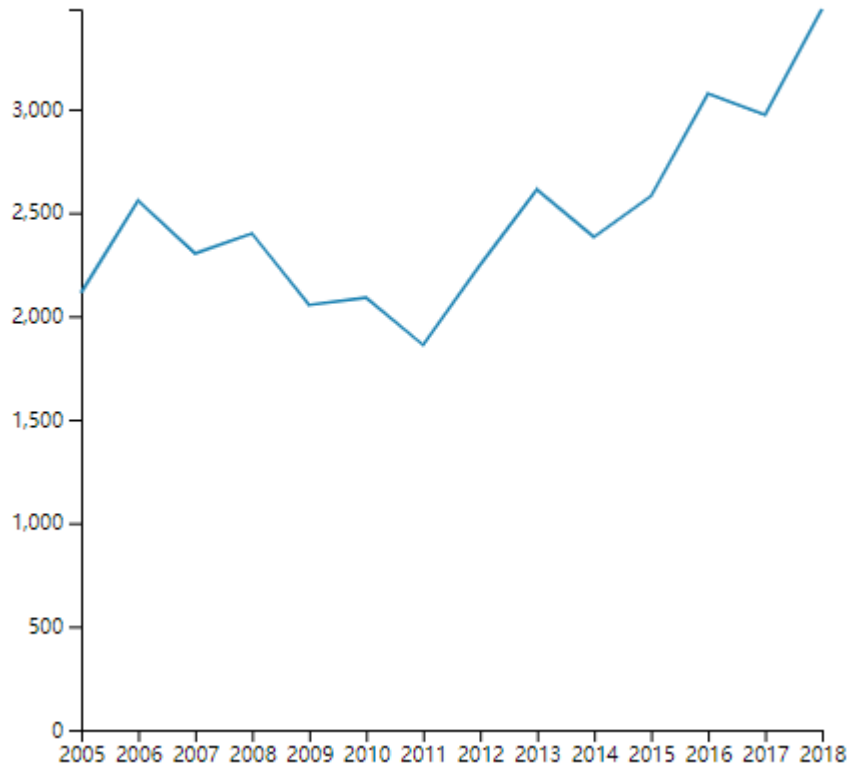


4. D3.JS

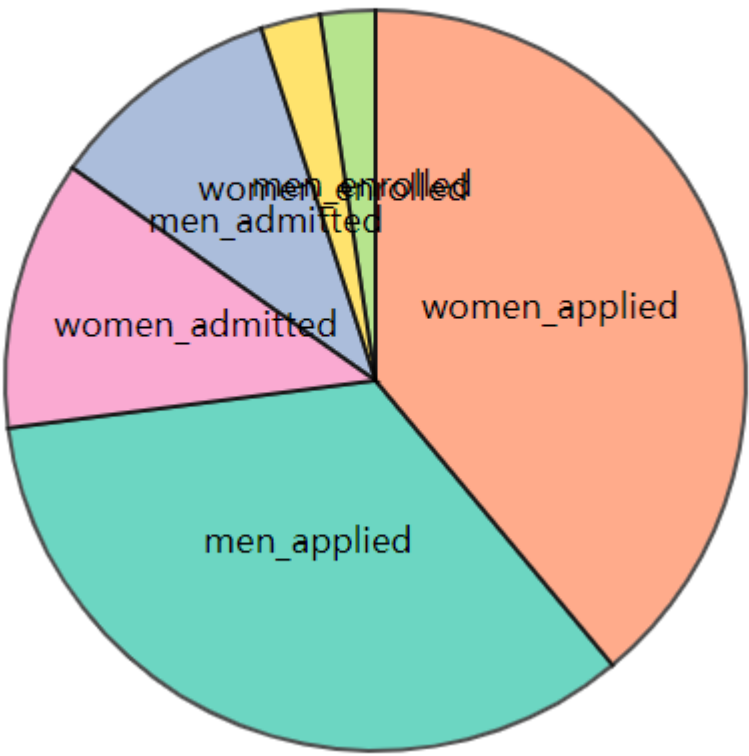
ucsd ads admission data for full time enrolled women



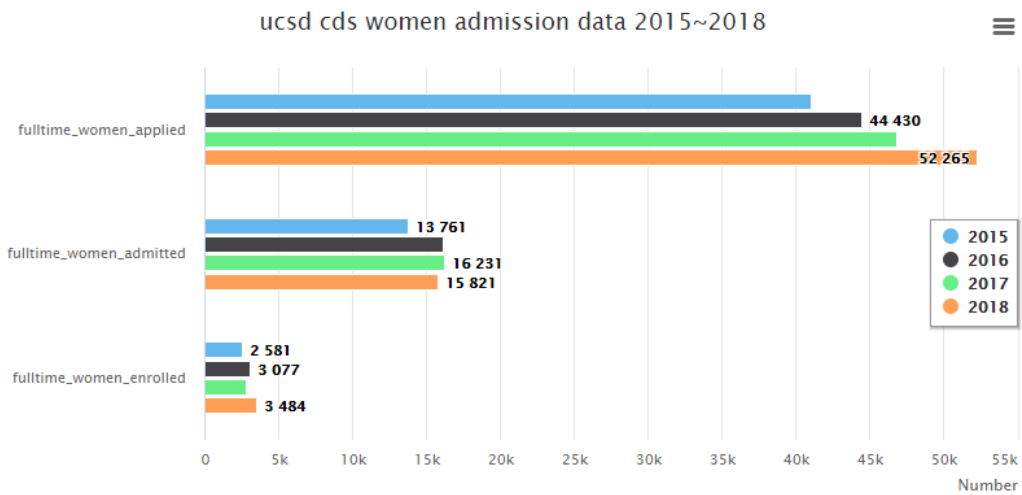
ucsd ads admission data for full time enrolled women



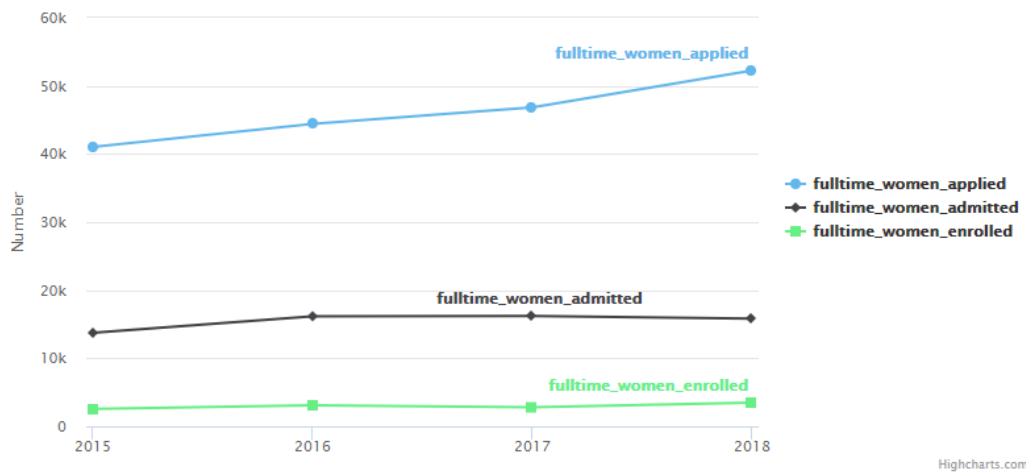
ucsd cds admission data 2018, fulltime



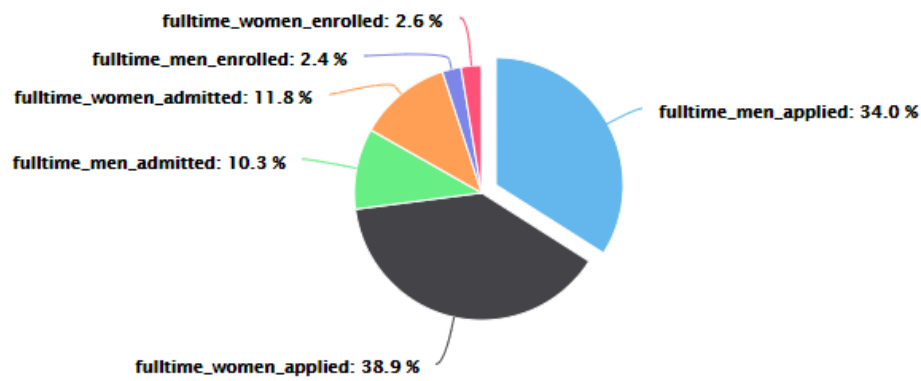
5. Highcharts



ucsd cds women admission data, 2015-2018



ucsd cds admission data, 2018



SECTION 2 analysis and comparsion

- 1) Google sheet: a better excel, very first when creating those simple carts
- 2) Infogram: a better google sheet with some template, but it is not free. Both 1) 2) can adjust a little thing.
- 3) Tableau: fast and quick, actually easier than 1) 2), but require some time to study it., all of 3 above can do some easy data cleaning for you
- 4) D3: Basically building SVG from 0 with some help from its library. It requires more effort to learn and learners cannot build some fancy charts as easy as the other 4 tool here as there are not many useful templates, and some of them are outdated. You need clean the data field by your own even if there is only a small typo.
- 5) Highcharts: actually easier than D3, as it already provides some templates for you and you do not have to build everything from the blank.

Comparsion: From all of 3 tools, Tableau is the best I think as it is fast and relatively flexible compared with the other tool. Infogram is aimed at people who really do not do data visualization that much and it is more like a specialized google sheet.

Coding requires more work than tools but they are very flexible and can do a better job if you are good at using coding solutions. Highcharts is more friendly compared with D3 as it has some good sample and does not require you build everything from 0. By the way, I rebuilt code for D3 and Highcharts chart since I did not notice that we should submit code as well and this time was much faster, so I think the later 3 methods can turn out to be faster and better after practice.

Github link:

<https://github.com/YihengYe/dsc106-HW1>