Enrollment (Census) Dashboards Intro Exercise

Navigating the Enrollment Overview Tab (One-Pagers)

Step 1: Navigate to the Enrollment (Census) dashboard. You will be on the Enrollment Overview sub-page. Use the College filter prompt at the top and select "College of Science." Now click "Apply". Find the graph for Race / Ethnicity. Notice that 34% of students enrolled in the College of Science were Latino in 2017 Fall.

Step 2: Now use the "Select View" dropdown at the top and change to "Tables." Click "Apply". Look for the table for Race / Ethnicity. Notice that the headcount of Latino students in the College of Science is 718.

Step 3: Go back to the navigation bar at the top and select the "Undergraduate Enrollment" sub-page tab. Notice that the "Select View" dropdown is on "Graphics - University Overall" by default. Let's customize for a College. Use the dropdown to select "Graphics - College or Major" and select "Apply". Two new filter prompts appear for College and Major. Select "College of Business" from the dropdown and select "Apply." Notice that enrollment by major has decreased somewhat for Business Administration from Fall 2016 to Fall 2017, while enrollment in Sustainable Hospitality Management has increased somewhat during that time period.

Try navigating the remaining sub-pages on the Enrollment (Census) Overview tab: Degree-Seeking First-Time Freshmen, Degree-Seeking Transfers, Degree-Seeking Graduate Students, Enrollment by Program.

Now, try to find the answers to the following questions:

1) What percentage of Degree-Seeking First-Time Freshmen were Latino in Fall 2017?
2) What was the headcount of Degree-Seeking First-Time Freshmen that were Latino in Fall 2017? (Hint: Try to table view)
3) What percentage of Degree-Seeking Transfer students were in the age bracket 21 - 24 Years Old in Fall 2017?
4) How many Degree-Seeking Graduate Students were enrolled in the College of Business in Fall 2017? (Hint: Try the "Graphics - College or Major" view and use filters).

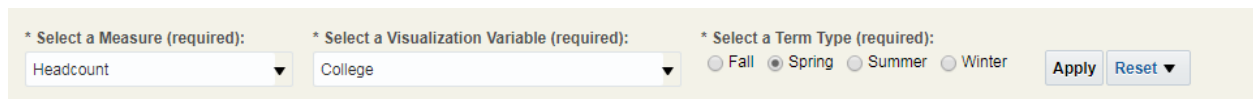**Navigating the Term Enrollment Detailed Profile Tab**

Step 1: Now that you have used the navigation bar and sub-page tabs, select the "Term Enrollment Detailed Profile" tab and then navigate through the various sub-tabs. Notice that by default, the term selected is the most recent Census term (2018 Spring). Notice also that there are multiple optional filter prompts available at the top to filter and customize the data on each page.

Try playing with the different filter prompts to filter the data.

Navigating the Enrollment Trends Tab

Step 1: Navigate to the "Enrollment Trends" tab in the navigation bar at the top. Notice that by default, you will be on the "Term Enrollment Trends" sub-page tab. There is also an "Academic Year Trends" sub-page tab.

Step 2: In the required prompts section (pictured below), notice that your default Measure is set to "Headcount" and Visualization Variable is set to "College."

Change the Visualization Variable to "Major" and click "Apply." Notice that the graphs below update but are mostly unintelligible because all majors are included. Use the optional "College" filter prompt and select "College of Science." The graphs will update again with the college filter applied. You will now have a somewhat more manageable graph with just the College of Science majors.

Step 3: Now, let's say you wanted to just see enrollment headcount by students that are underrepresented minority. Click the "Additional Optional Filter Prompts" dropdown arrow. Under "Student Demographics" find "Underrepresented Minority" and select "Y." Click "Apply." Collapse the "Additional Optional Filter Prompts" section by clicking the arrow.

The graphs and tables below have now been filtered to show underrepresented minority student enrollment in Majors within the College of Science.

You have to clear the filter when you are done if you plan to continue using the same dashboard for additional analyses. Return to the "Additional Optional Filter Prompts" dropdown. Under Student Demographics. Click the "Reset" button and select "Reset to default values." Click "Apply."

Now, try using the Measure and Visualization Variable dropdowns to explore this dashboard in more detail.

Try to find the answer to the following question:

How has the Fall State FTE enrollment by Race / Ethnicity changed for the entire University since Fall 2008?
(Hint: Use the Measure prompt for "State FTE" and change the Term Type to "Fall")

Navigating the Enrollment Comparisons Tabs

Step 1: Notice in the navigation bar at the top there are two Enrollment Comparisons tabs: Enrollment Comparisons (Terms) and Enrollment Comparisons (Academic Years). The Terms tab will provide you enrollment numbers and historical trends for a particular term. The Academic Year trends tab provides unduplicated headcount enrollment numbers for the academic year as well as annualized FTEs. Select "Enrollment Comparisons (Terms)."

Step 2: Notice that the sub-page tabs that appear in the navigation include: CSUMB Overall vs. College / Major Comparisons, College vs. Major Comparisons, and Major vs. Major Comparisons. Select "College vs. Major Comparisons." Notice that the side-by-side comparisons panes below show us the 2018 Spring headcount enrollment and historical Spring enrollment trends for the College of Arts, Hum, and SS and Cinematic Arts and Technology. Try selecting "College of Science" for the College filter prompt and "Biology" for the major filter prompt. Then click "Apply."

Step 3: Now, use the Select a Visualization Variable prompt and select "Region" then click "Apply."

Now, try to answer the following question:

1) What percentage of Biology students in 2018 Spring are from the Tri-County area? How does this compare with the College of Science Overall?

Try exploring other features of the Enrollment Comparisons dashboards. Notice that "Additional Optional Filter Prompts" are available in the collapsed menu. Also notice that you can change visualization types on the Historical Enrollment trends graphs to Stacked Bar Percentages or Line Trends or Line Trend Percentages.