

Modifying Data in the Data Warehouse Session II

Question 1: What percentage of students are repeating courses in the last four spring terms?

1. In Libraries tab, go to Class Registration Reports / Repeat Percentages Last 4 Acad Years
2. In the Navigation tab or Data Layout tab, narrow to the department of interest
3. Expand the academic years to show all the terms

However, you only wanted to look at the last four spring terms instead of the last four academic years. What do you do?

(Hint: Edit “Term”)

Question 2: What is the mix of gender and ethnicity in my classes?

1. In Libraries tab, go to Class Registration Reports / Class Enrollments by Gender and Ethnicity Last 4 Years
2. In Navigation tab, narrow to the college or department of interest. (Note: This can also be done in the Data Layout tab.)

Do you have an equal mix of males and females enrolling in your classes? How many minorities are enrolling?

Suppose that you decide that the table is too wide for easy viewing with Gender placed in the columns. You would rather have it in the rows. What do you do?

(Hint: Use the “Up” button to move Gender)

Suppose that you still would like to further simplify the table so you can look at ethnicity for each gender group. What do you do?

(Hint: Move Gender to Background and Slice. Don’t forget to check the default setting.)

Suppose that you decide that you’re not interested in gender right now. What do you do?

(Hint: Combine)

Question 3: Within each department of my college, what has been the enrollment trend over the last four years?

1. In the Libraries tab, go to Class Registration Reports / BSU Class Enrollments Last 4 Years
2. In the Navigation or Data Layout tab, narrow to the college or department of interest.
3. In the View tab, add a chart.

Which departments have had their enrollments rise over the last four years and where have enrollments fallen?

You note that it is a bit difficult to look at department trends when they are all grouped together by year. You would prefer to have the four-year enrollments together for each department.

What do you do?

(Hint: Pivot)

Question 4: How much does my department/college serve students from other majors?

1. In the Libraries tab, select Class Registration Reports / BSU Class Plan Match Last 4 Years
2. In the Navigation or Data Layout tab, narrow to the college or department of interest

How many students come from outside the department?

Note that it is rather difficult to answer this question with the report in the current format. To display the report so that it only shows students with majors within the department vs. students with majors outside the department, what do you do?

(Hint: Replace “Class Plan College Match” with “Class Plan Match Department Match”)

Question 5: Which courses or departments are the most difficult for students?

1. In the Libraries tab, select BSU Class Registration / Average Class Grades Last 4 Years
2. In the Navigation or Data Layout tab, narrow to the college or department of interest

Suppose you want to view the course utilization percentages from high to low. What do you do?

(Hint: Sort tab)

Suppose you only want to see departments or courses below a certain average grade. What do you do?

(Hint: Filter tab)