

## Viewing data in the Data Warehouse Session 1

*Note: The following are only a sampling of questions that can be answered through the data warehouse. Please feel free to develop your own questions using the reports provided.*

### **Question 1: How many students have enrolled in my classes over the past four years?**

1. Go to: Class registration reports / BSU class enrollments last 4 years
2. Select your college and/or your department

What do you see about enrollments? Going up? Going down? Remaining about the same?

Suppose you only want to look at the terms for 2008-2009. What do you do?  
(Hint: “Drill down” or “show only”)

Suppose you want to see who’s enrolled in a particular class. What do you do?  
(Hint: Expand or drill down on “all classes, Highlight the enrollment for a particular class, Select “drill to detail”)

You want to save your results in Excel to show them to your colleagues. What do you do?  
(Hint: “Save to excel” icon)

### **Question 2: What are the average grades in my classes over the past four years?**

1. Go to: Class registration reports / BSU Average Class Grades last 4 years
2. Select your college and/or your department

What is the average class grade for your college or department? Have grade distributions been changing?

Suppose you want to display a chart your average grades for the last four years. What do you do? (Hint: View tab)

*Note: If you are interested in seeing the grade distributions rather than the average grade, select the report entitled “BSU Class Grade Distribution last 4 years”*

### **Question 3: Which of my classes are the most under-utilized?**

1. Go to: BSU Class Utilization / Class Utilization Measures last 4 years
2. Select your college and/or your department

Which courses/departments have the greatest difference between their section capacity and the number of enrollees? Which courses appear to have small classes meeting in large rooms?

Suppose you have both undergraduate and graduate courses and you only want to see the undergraduate courses. What do you do? (Hint: See “Course career” at the top left of the grid)

**Question 4: What mix of majors and non-majors are enrolled in my classes?**

1. Go to: Class Registration Reports / BSU Class Plan Match
2. Select your college or department

How many non-majors are enrolled in your courses?

Suppose you want to see the majors of those outside your department who registered for a particular course for spring term. What do you do? (Hint: Drill down to the course, drill down to the term, drill to detail)

*Caveat: When you drill down, only the first student major will be displayed, even though the student may have had multiple majors. However, the report will match on all majors if the student had more than one major.*

**Question 5: What is the demographic mix of students in my classes in terms of ethnicity and gender?**

1. Go to: Class Registration Reports / BSU Class Enrollments by Gender and Ethnicity last 4 years
2. Select your college or department

What does the ethnic and gender distribution look like over the past four years? Have any shifts occurred?

Suppose you want to only look at the gender distribution for registrations in your department's courses for the last four years. What do you do? (Hint: Drill up or collapse on ethnicity)

*Note: Recall that these are counts of course registrations for all students enrolled in your courses. Students enrolled in multiple courses will be counted multiple times. Other reports are being developed that display demographics for your majors where each student is only counted once.*

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