

**R · I · T**

**Rochester Institute of Technology**  
**Golisano College of Computing and Information Sciences**  
**School of Information**

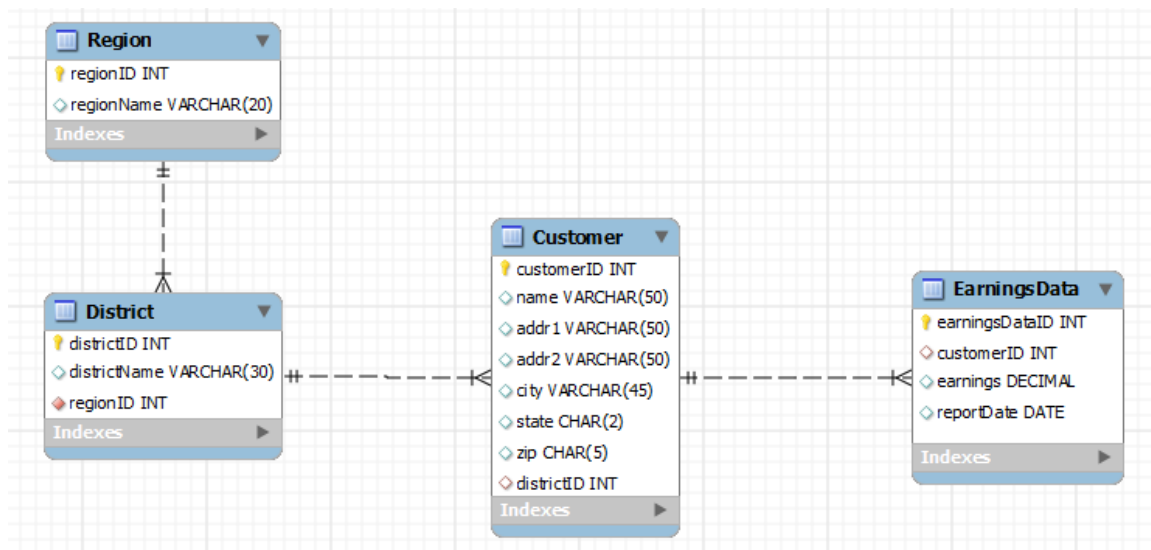
## PE09: SQL Extensions #2

### Overview

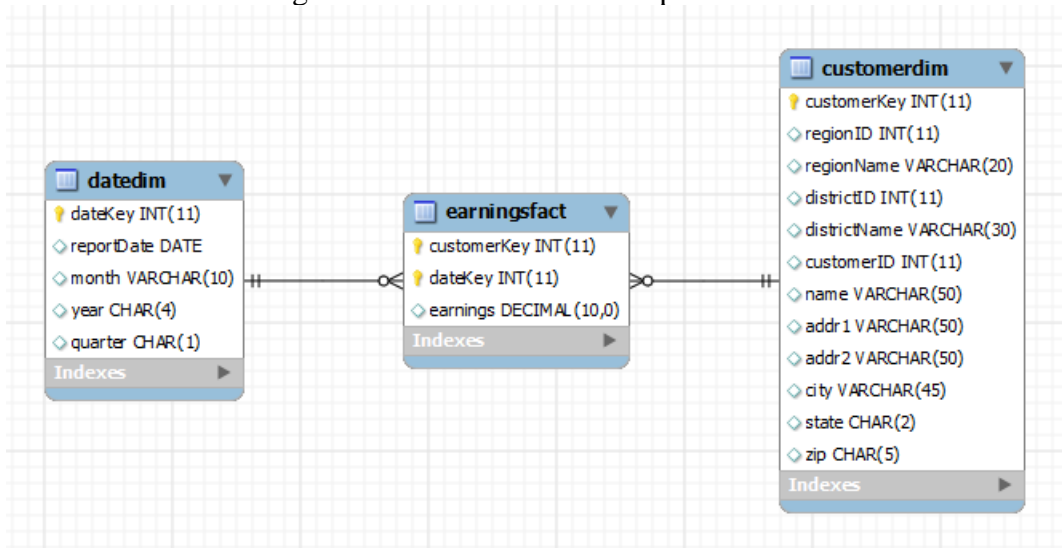
In this exercise you will have an opportunity to try some of the SQL enhancements added for data warehouses.

### Scenario

The Earnings Analysis Company has several a data collection system shown in the following Entity Relationship diagram:



From this the following data mart ERD was developed.



**Download PE\_Earnings.sql from MyCoursees to create PE\_Earnings data mart. Complete the following exercises:**

Store the results in files called TeamNamesQnn.sql where nn is the question number. Store the explanations in a MS Word document with similar naming. Zip the files together and upload to the appropriate dropbox (PE09: SQL 2).

Provide a printout for your instructor/TA containing the queries and the description of the results.

1. Show the percentage of earnings by quarter for each year.
2. Rank the total earnings by month in 2011 but only show the top 5 months.
3. Show the earnings by quarter comparing quarters side by side.

**Be prepared to discuss what you discovered about these queries next class.**

### PE09 Grade Sheet

Group # \_\_\_\_\_ Names: \_\_\_\_\_

Graded by: Group # \_\_\_\_\_ Names: \_\_\_\_\_

	Max Pts.	Pts. Earned	Comments
<b>#1</b>			
SQL	15		
Description	15		
<b>#2</b>			
SQL	15		
Description	15		
<b>#3</b>			
SQL	15		
Description	15		
Provided a Printout	10		
TOTAL	100		