

CSCI3287 Database Systems

Extra Credit # 3 – DW Questions

Overview

This extra credit assignment has been created to allow students to increase their total number of points earned in this course in order to boost your final grade.

This extra credit assignment is worth up to 50 points (out of 1000) toward your final grade. It is due on Wednesday, December 18th at 11:59 p.m. No extension can be allowed for this assignment. (Grades must be turned in to the registrar by Dec. 23, and we will need a few days to do the grading.) Your assignment submission should be a document saved and submitted as a PDF file via the link found in the assignment section of “Week Sixteen” in Moodle which is the same place where you found this file.

This extra credit assignment allows you to make up additional questions to be used in future semesters for the Homework # 5 Data Warehouse lab. The current HW # 5 has 3 analytical query questions (questions 6, 7, & 8) This E.C. assignment allows you to create up to 5 more analytical query questions for future iterations of the adventureworks data warehouse lab.

Objectives

1. Create interesting and challenging SQL query questions + answers
2. Questions should challenge students to conduct realistic business intelligence analytics against the adventureworks data – regarding sales facts, dollars and/or quantities – summarized by any combination of the dimensions in the star schema warehouse.

Submission Requirements:

Your results for this extra credit assignment should be captured in a document (such as a .txt file, MS Word or similar tool.) Please then save your final deliverable document as a PDF. Use the link found in the Extra Credit section of the Week 16 Moodle page.

Guidelines:

Each question you provide will be worth 10 points up to a total of 50 points for extra credit. Please provide the question and the query code that correctly answers the question. If it is really tricky, you can also provide students with a hint.

Utilize features of SQL that are challenging beyond what appears in the current assignment.