



PHW1 - Single Table Queries

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Instructions

Supplemental Resources:

Refer to the supplemental SQL videos at <http://bit.ly/CSCI331SupplementalSqlVideos> to assist in your learning process. Begin reading materi the next class.

Readings and Examples:

- Use ADS (Azure Data Studio) with their sql notebook for all assignment's this semester assignment
- Read Chapter 2, "Single-Table Queries". This chapter is extensive and contains a lot of material to digest.
- Complete the examples provided for both chapters at <http://bit.ly/CSCI331-Homework>.

Assignments:

- Read Chapter 2 which is long with a lot of material to digest. Do the examples (<http://bit.ly/CSCI331-Homework>) as follows:

USE TSQVLV4 database to test the queries using the TSQVLV4 database to demonstrate that they work.

- **use Northwinds2022TSQVLV7 and correct the queries to work with tables and columns for the assignment below:**

- Create a proposition describing each query in the markdown language in ADS Chapter 02 - Single-Table Queries
- Execute each of the corrected queries using Northwinds2022TSQVLV7 in the code of ADS
- Export 10 of the queries as a flat file using the Import\export wizard. Save in a folder of your choice for each chap Example: \CSCI331\Chapter2)
- Export 4 tables from the database into excel 2003 using the Import\export wizard. Save in a folder of your choice each chapter (Example: \CSCI331\Chapter2)

Do the same for the Chapter 02 - Single-Table Queries - Exercises.sql by subimmit the SQL.notebook in AI

See in announcements: "An example of how submit the homework."

Delegated Assignments:

- Create and complete individual tasks as outlined in the "Class Time - Group Number – To-do list for Homework Number.xlsx" docun

Query Modifications:

- Present your usage of the to-do list and Gantt chart.
- Explain how the NACE competencies helped you leverage the creation of the MP4.
- If you used any LLM, such as ChatGPT, Claude.ai, Google Gemmini-2, or any Ollama.ai LMM, it must be footnoted to enhance the proposition creation or code documentation.
- Record the presentation walkthrough (Consider using SQL Notebooks from Azure Data Studio, which is your group's call).
- Consolidate the individual contributions from your group members into an MP4 file. The presentation should articulate your strategy manner easily understandable to non-technical end-users.
- The homework leader should be the only one to submit the work in the format of a link to their GitHub account containing all the gro members' work and create a link to a zip file for download submission (2 links)

Final Submission:

- Record the presentation walkthrough.
- Save and submit the recording in MP4 format.

Sample Skills Acquired through These NACE Career Readiness Competencies for This Group Assignment:

- **Equity & Inclusion:** Fostered awareness and sensitivity towards diverse perspectives, promoting inclusivity and equality in professic settings.
- **Career & Self-Development:** Showcased the ability to set goals, identify personal strengths and weaknesses, and craft effective care development plans.
- **Communication:** Enhanced verbal and written communication skills to facilitate clear, concise interactions.
- **Critical Thinking:** Fostered analytical and problem-solving skills, approaching challenges with a systematic and innovative mindset.
- **Professionalism:** Cultivated a professional demeanor by adhering to ethical standards and demonstrating accountability and reliabilit the workplace.
- **Technology:** Gained proficiency in relevant technologies to improve efficiency and productivity in job-related tasks.
- **Leadership:** Developed leadership skills, including motivating and guiding team members, fostering collaboration, and inspiring pos change.





- **Teamwork:** Learned to collaborate and communicate effectively in a team, appreciating diverse contributions and working towards common goals.

Due on Sep 11, 2024 11:59 PM

Available on Sep 4, 2024 12:00 AM. **Access restricted before availability starts.**

Available until Sep 15, 2024 11:59 PM. **Access restricted after availability ends.**

Attachments

-  [Chapter 02 - Single-Table Queries.sql](#) (19.1 KB)
-  [Class Time -Group Number – To-do list for Homew...](#) (32.84 KB)
-  [Chapter 02 - Single-Table Queries - Exercises.sql](#) (5.9 KB)
-  [Class Time -Group Number – Gantt Homework Numbe...](#) (13.91 KB)

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