DATA FRAGMENTATION:

HORIZONTAL AND VERTICAL STRATEGIES

OBJECTIVES

- Learn about data fragmentation, its purposes and the three main kinds of data fragmentation. Namely:

  o Horizontal,

  o Vertical,

  o Derived.

ACTIVITIES

Read and understand the following parts of the "Algorithms for Fragmenting Relations" document (attached to this activity) on your own:

  o What data fragmentation is in pages 32 to 35 (Section 4.1)
  o The horizontal fragmentation strategy presented in pages 36 to 38 (Section 4.1.1)
  o The derived fragmentation strategy presented in page 39 (Section 4.1.2)
  o The vertical fragmentation strategy in pages 41 and 42 (Section 4.1.3)

DELIVERABLES

- Solve the proposed self-study exercise related to data fragmentation. This exercise will have weight 1 and will be assessed for the course final mark.
- Be sure to meet the deadline and submit on time via Learn-SQL!