The Carleton central outline of this course is wrong. The correct outline is given below:

“Review of database concepts: Conceptual database design, relational and Object-oriented data models; Application of SQL, recursive queries, relational algebra, and data integration; Normalization theory, deductive approach to database, and query processing; Object-oriented database; OLAP, Data Warehousing, and Data Mining; Cloud Computing, Hadoop, and MapReduce.”

**The course is NOT the typical database course.** It is about data, data analysis, data integration, and data mining. The course discusses the different types of data (structured, semi-structured, and unstructured), mining the data, and application of different tools – relational, object, cloud storage, machine learning, and knowledge graph (KG). The KG tool is a new addition to the course for the current academic year (2023/24).