

## Case Study: DB2 for z/OS

Here are some important DB2 (subsequently rebranded by IBM to “Db2”) objects in an enterprise-scale (large) IBM environment, shown in Crow’s Foot notation. A company may have several different DBMSs (DB2, Oracle, SQL Server, MySQL, etc.), and may run multiple instances (subsystems) of each. Physical objects (files) are *tablespaces* and *indexspaces*; they contain *pages*. The page size is typically 4K. A tablespace is a unit of backup and recovery. In some shops, there is often only one table per tablespace. A *view* can involve one or more tables. Most views are not materialized (i.e., not stored on disk). Below are some *sample* numbers to give you an idea of the make-up of a DB2 database.

