

Database Fundamentals - Exam review

Monday, November 28 2011, 10:24 AM

Temporal - historical, but additional information for timespan of data

Instantaneous - current

Historical - anything that has ever been valid

Left outer join - Something on the left that didn't match up, put nulls

Right outer join - anything left over that didn't match up in the right table shows

Full outer join - combines both

Semantic integrity constraint - salary > \$0 (example)

Controlled redundancy - duplicate data that is handled well, speeds up query access

Table can have 0 to many FK

CK - at least 1 to N

PK - 1 to 1

PK - unique identifier for a table

FK - references a PK of another table

Key Constraint - PK must be unique

Referential Integrity Constraint - a FK must reference an existing PK or null

Entity Integrity Constraint - PK cannot be null