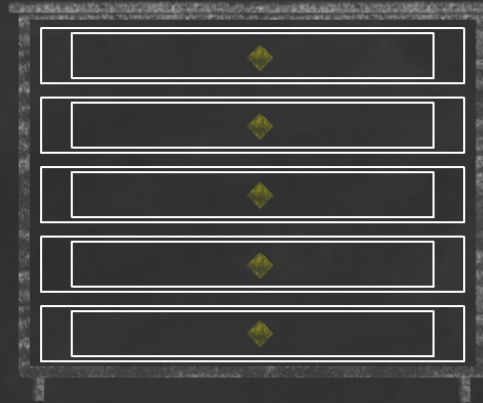
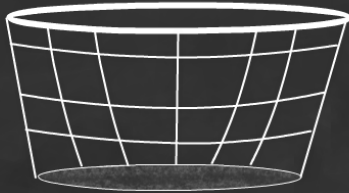
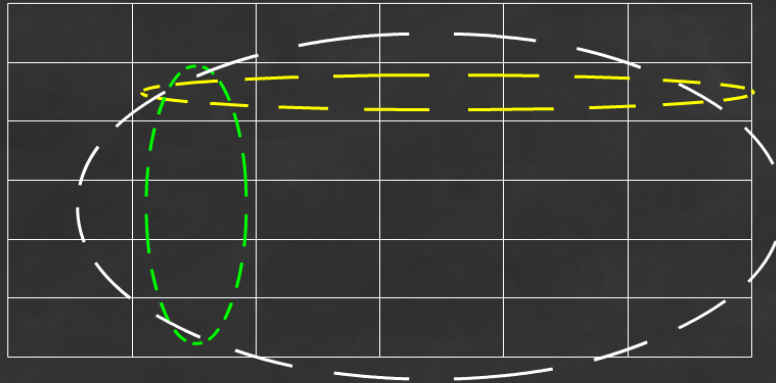


What is a database?



attribute = column

tuple =
row



Set

Language of Databases

SQL (ISO and ANSI)

T-SQL (Transact SQL)

Microsoft SQL Server Editions

Enterprise

Standard

Business Intelligence

Same Core
Database Engine

SQL 2014 specific

Parallel Data Warehouse

Web Developer

Express

T-SQL

DML
Data
Manipulation
Language

Focus on querying and
modifying
SELECT, INSERT,
UPDATE and DELETE

DDL
Data
Definition
Language

Defines Database Objects
CREATE, ALTER and
DROP

DCL
Data
Control
Language

Used to Manage Security
Permission
GRANT, REVOKE and
DENY

Key In Order

SELECT
FROM
WHERE
GROUP BY
HAVING
ORDER BY

Processing Order

FROM
WHERE
GROUP BY
HAVING
SELECT
ORDER BY

"SoFtWHERE GHOSt"