**Altering Tables Many Examples**

**Add a new column**

ALTER TABLE sales\_item ADD day\_of\_week VARCHAR(8)

**Modify a column (Change any Constraint this Way)**

ALTER TABLE sales\_item ALTER COLUMN day\_of\_week SET NOT NULL;

**Change name of a column**

ALTER TABLE sales\_item RENAME COLUMN day\_of\_week TO weekday;

**Drop a column**

ALTER TABLE sales\_item DROP COLUMN weekday;

**Add a new table**

CREATE TABLE transaction\_type(

name VARCHAR(30) NOT NULL,

payment\_type VARCHAR(30) NOT NULL,

id SERIAL PRIMARY KEY

);

**Rename table**

ALTER TABLE transaction\_type RENAME TO transaction;

**Create index based on a single column (Use UNIQUE INDEX for a unique index)**

-- Indexes show under indexes tab

CREATE INDEX transaction\_id ON transaction(name)

**Create an index based on 2 columns**

CREATE INDEX transaction\_id\_2 ON transaction(name, payment\_type)

**Delete data in a table**

TRUNCATE TABLE transaction

**Drop a table**

DROP TABLE transaction