This is not mandatory reading, but here's the code we'll run in the Views videos. It may come in handy when you're doing the associated hands-on assignment.

---> create the orders\_v view – note the “CREATE VIEW view\_name AS SELECT” syntax

CREATE VIEW tasty\_bytes.harmonized.orders\_v

AS

SELECT

oh.order\_id,

oh.truck\_id,

oh.order\_ts,

od.order\_detail\_id,

od.line\_number,

m.truck\_brand\_name,

m.menu\_type,

t.primary\_city,

t.region,

t.country,

t.franchise\_flag,

t.franchise\_id,

f.first\_name AS franchisee\_first\_name,

f.last\_name AS franchisee\_last\_name,

l.location\_id,

cl.customer\_id,

cl.first\_name,

cl.last\_name,

cl.e\_mail,

cl.phone\_number,

cl.children\_count,

cl.gender,

cl.marital\_status,

od.menu\_item\_id,

m.menu\_item\_name,

od.quantity,

od.unit\_price,

od.price,

oh.order\_amount,

oh.order\_tax\_amount,

oh.order\_discount\_amount,

oh.order\_total

FROM tasty\_bytes.raw\_pos.order\_detail od

JOIN tasty\_bytes.raw\_pos.order\_header oh

ON od.order\_id = oh.order\_id

JOIN tasty\_bytes.raw\_pos.truck t

ON oh.truck\_id = t.truck\_id

JOIN tasty\_bytes.raw\_pos.menu m

ON od.menu\_item\_id = m.menu\_item\_id

JOIN tasty\_bytes.raw\_pos.franchise f

ON t.franchise\_id = f.franchise\_id

JOIN tasty\_bytes.raw\_pos.location l

ON oh.location\_id = l.location\_id

LEFT JOIN tasty\_bytes.raw\_customer.customer\_loyalty cl

ON oh.customer\_id = cl.customer\_id;

SELECT COUNT(\*) FROM tasty\_bytes.harmonized.orders\_v;

CREATE VIEW tasty\_bytes.harmonized.brand\_names

AS

SELECT truck\_brand\_name

FROM tasty\_bytes.raw\_pos.menu;

SHOW VIEWS;

---> drop a view

DROP VIEW tasty\_bytes.harmonized.brand\_names;

SHOW VIEWS;

---> see metadata about a view

DESCRIBE VIEW tasty\_bytes.harmonized.orders\_v;

---> create a materialized view

CREATE MATERIALIZED VIEW tasty\_bytes.harmonized.brand\_names\_materialized

AS

SELECT DISTINCT truck\_brand\_name

FROM tasty\_bytes.raw\_pos.menu;

SELECT \* FROM tasty\_bytes.harmonized.brand\_names\_materialized;

SHOW VIEWS;

SHOW MATERIALIZED VIEWS;

---> see metadata about the materialized view we just made

DESCRIBE VIEW tasty\_bytes.harmonized.brand\_names\_materialized;

DESCRIBE MATERIALIZED VIEW tasty\_bytes.harmonized.brand\_names\_materialized;

---> drop the materialized view

DROP MATERIALIZED VIEW tasty\_bytes.harmonized.brand\_names\_materialized;