- LESSON 13

-- Slide 12 - NULLs (no results)

SELECT p.name, p.color

FROM production.product AS p

WHERE p.color = ‘NULL’;

-- Slide 13 - IS NULL (248 rows)

SELECT p.name, p.color

FROM production.product AS p

WHERE p.color IS NULL;

-- Slide 14 - IS NOT NULL (256 rows)

SELECT p.name, p.color

FROM production.product AS p

WHERE p.color IS NOT NULL;

-- Slide 19 - CASE guided practice (10 rows)

SELECT DISTINCT p.color,

CASE

WHEN p.color ILIKE 'Red' THEN 1

WHEN p.color ILIKE 'White' THEN 2

WHEN p.color ILIKE 'Blue' THEN 3

ELSE 0

END AS colorint

FROM production.product AS p;

-- Slides 21-22 - Classify listprice (504 rows)

SELECT p.listprice,

CASE

WHEN p.listprice <= 0 THEN 'free'

WHEN p.listprice <= 50 THEN 'cheap'

WHEN p.listprice <= 300 THEN 'affordable'

WHEN p.listprice > 300 THEN 'expensive'

END AS affordability

FROM production.product AS p

ORDER BY 1;

-- Slides 24-25 - CASE to find Percentage (1 row - 7.54%)

SELECT ROUND(AVG(

CASE

WHEN p.name ILIKE('Mountain%') THEN 1

ELSE 0

END

)::decimal\*100,2) AS mtn\_percent

FROM production.product AS p;