**SQL**

--https://nces.ed.gov/ccd/stnfis.asp

--In 2008, Which STATE/STATES has an ENROLLment that is more than WASHINGTON but less than GEORGIA?

SELECT STATE, ENROLL

FROM education

WHERE YEAR = '2008' AND

ENROLL >

(SELECT ENROLL

FROM education

WHERE STATE = 'WASHINGTON' AND YEAR = '2008')

AND ENROLL <

(SELECT ENROLL

FROM education

WHERE STATE = 'GEORGIA' AND YEAR = '2008')

--Return a list of columns that contain "\_HI\_M" (Hispanic - Male demographic)

select \*

from INFORMATION\_SCHEMA.COLUMNS

where COLUMN\_NAME like '%\_HI\_M%'

--Create new table from the query results of all

SELECT STATE,G01\_HI\_M,G02\_HI\_M,G03\_HI\_M,

G04\_HI\_M,G05\_HI\_M,G06\_HI\_M,

G07\_HI\_M,G08\_HI\_M,G09\_HI\_M,

G10\_HI\_M,G11\_HI\_M,G12\_HI\_M,

KG\_HI\_M,PK\_HI\_M

INTO HI\_M\_DEMO

FROM education

WHERE YEAR = 2010;

--returns the average number of 12th grade hispanic males students in 2010

SELECT

STATE = CASE GROUPING(STATE) WHEN 1 THEN 'AVG' ELSE STATE END,

G12\_HI\_M = AVG( CAST(replace([G12\_HI\_M], ' ', '') AS FLOAT) )

FROM HI\_M\_DEMO

GROUP BY ROLLUP(STATE)