-- Select only NJ Counties from the main\_covid-deaths data which has county-level covid data for the whole US.

WITH covid\_death AS (

SELECT \*

FROM `dark-influence-360701.Covid\_analysis.main\_covid-deaths`

WHERE State = 'NJ'

)

--Now, I joined the NJ\_data table which contains demographic data and median income to the main\_covid\_death table for subsequent analysis.

SELECT \*

FROM

covid\_death AS d

INNER JOIN

`dark-influence-360701.Covid\_analysis.NJ\_Covid\_cases`as c

ON d.fips = c.fips

--I calculated new fields – percent covid deaths, percent death from all causes, percent blacks and percent Hispanics, which I also added into one field. I rounded all these variables.

WITH CTE AS (

SELECT

County\_name,

fips,

income\_2019,

\_65\_years\_and\_over as age\_65\_plus,

ROUND(Deaths\_involving\_COVID\_19/pop\_2020\*100, 01) AS perc\_Covid\_19\_death,

ROUND(Deaths\_from\_All\_Causes/pop\_2020\*100) AS perc\_other\_death,

ROUND(Black\_alone/pop\_2020\*100, 1) AS perc\_black,

Hispanic\_alone/pop\_2020\*100, ROUND(Hispanic\_alone/pop\_2020\*100, 2) AS perc\_Hispanic

FROM

`dark-influence-360701.Covid\_analysis.NJ\_Covid\_demo\_income`

)

SELECT

county\_name,

fips,

income\_2019,

age\_65\_plus,

perc\_Covid\_19\_death,

perc\_other\_death,

ROUND(perc\_black+perc\_hispanic, 1) AS per\_blk\_his

FROM CTE

--Imported data into Tableau for further analysis and visualization.