-- CODE FOR CONFIRMING EXTRACTION OF HYDROPOWER\_CONSUMPTION INTO MySQL

SELECT \*

FROM energy.hydropower\_consumption;

-- CODE FOR CONFIRMING EXTRACTION OF SOLAR\_ENERGY\_CONSUMPTION INTO MySQL

SELECT \*

FROM energy.solar\_energy\_consumption;

-- CODE FOR JOINING AND AGGREGATION

SELECT

hydropower\_consumption.Entity AS Country,

solar\_energy\_consumption.`Code` AS Country\_code,

avg(hydropower\_consumption.`Electricity from hydro (TWh)`) AS Avg\_hydro\_consumption,

avg(solar\_energy\_consumption.`Electricity from solar (TWh)`) AS Avg\_solar\_consumption

FROM energy.hydropower\_consumption

LEFT JOIN solar\_energy\_consumption

ON hydropower\_consumption.`code` = solar\_energy\_consumption.`code`

GROUP BY hydropower\_consumption.Entity, solar\_energy\_consumption.`code` ;

-- CODE FOR CREATING HYDRO\_SOLAR\_CONSUMPTION

CREATE table hydro\_solar\_consumption As

SELECT

hydropower\_consumption.Entity AS Country,

solar\_energy\_consumption.`Code` AS Country\_code,

avg(hydropower\_consumption.`Electricity from hydro (TWh)`) AS Avg\_hydro\_consumption,

avg(solar\_energy\_consumption.`Electricity from solar (TWh)`) AS Avg\_solar\_consumption

FROM energy.hydropower\_consumption

LEFT JOIN solar\_energy\_consumption

ON hydropower\_consumption.`code` = solar\_energy\_consumption.`code`

GROUP BY hydropower\_consumption.Entity, solar\_energy\_consumption.`code` ;

-- CODE FOR DELETING NULL ROWS

SET SQL\_SAFE\_UPDATES = 0; -- REMOVING SAFE UPDATE MODE

DELETE FROM hydro\_solar\_consumption

WHERE hydro\_solar\_consumption.`Country\_code` = '';

-- CODE FOR SHOWING ALL COLUMNS AND ROWS IN TRANSFORMED AND LOADED TABLE

SELECT \*

FROM hydro\_solar\_consumption;