* After applying all the transformation, I have uploaded the data in a separate table/view using below SQL command.

Query –

Create View Sleep\_health\_lifestyle\_data\_ForAnalyses As

select dim.Gender

,dim.Occupation

,dim.`Sleep Disorder`

,avg(fact.sleep\_Duration) Avg\_Sleep\_Duration

,avg(fact.Quality\_of\_Sleep) Avg\_Qulty\_sleep

,avg(dim.Age) Avg\_Age

,avg(fact.Physical\_Activity\_Level) Avg\_Physcl\_Act\_lvl

,avg(fact.Stress\_Level) Avg\_Stress\_Lvl

,avg(fact.Daily\_Steps) Avg\_Dly\_Stps

from dim\_sleep\_health\_lifestyle dim

join fact\_sleep\_health\_lifestyle fact

on dim.`Person ID` = fact.Person\_ID

group by dim.Gender, dim.Occupation, dim.`Sleep Disorder`, dim.`BMI Category`;

A screenshot of a computer

Description automatically generated

select \* from sleep\_health\_lifestyle\_data\_foranalyses;

A screenshot of a computer

Description automatically generated

The reasons for loading the data in this way are as follows:

* Storing clean data can be used for Analysis by many Analysts when they were using similar data for their problem statement.
* This table can be Reusable, and we don’t need to do the transformation again and again for the analysis.
* By separating the data in table ensure that only the cleaned, quality checked data is loaded which reduces the risk of using error and incomplete data.
* We can retrieve the data and access the data fast because we don’t need to join or do any type of aggregation or create common table expression again, a simple select query retrieve the data fast, compared to using big query and functions.