**Database**: healthandlifestyle

**Table**: sleep\_health\_lifestyle

**Sleep\_health\_lifestyle**

Person ID: An identifier for each individual

Gender: The gender of the person (Male/Female)

Age: The age of the person in years

Race/ethnicity: Racial/ethnic background for each individual

Weight: The weight of the person in pounds

Height: The height of the person in inches

Occupation: The occupation or profession of the person

Sleep Duration (hours): The number of hours the person sleeps per day

Quality of Sleep (scale: 1-10): A subjective rating of the quality of sleep, ranging from 1 to 10

Physical Activity Level (minutes/day): The number of minutes the person engages in physical activity daily

Stress Level (scale: 1-10): A subjective rating of the stress level experienced by the person, ranging from 1 to 10

BMI Category: The BMI category of the person (e.g., Underweight, Normal, Overweight)

Blood Pressure (systolic/diastolic): The blood pressure measurement of the person, indicated as systolic pressure over diastolic pressure. Separated into two columns

Heart Rate (bpm): The resting heart rate of the person in beats per minute

Daily Steps: The number of steps the person takes per day

Sleep Disorder: The presence or absence of a sleep disorder in the person (None, Insomnia, Sleep Apnea)

**Query 1-**

SELECT race\_ethnicity,

CAST(COUNT(race\_ethnicity) \* 100/SUM(COUNT(\*)) OVER() AS DECIMAL (6,2)) AS percent\_by\_race

FROM sleep\_health\_lifestyle

GROUP BY race\_ethnicity

**Query 2-**

SELECT occupation, COUNT(\*) AS Overweight

FROM sleep\_health\_lifestyle

WHERE bmi\_category = 'Overweight'

GROUP BY occupation

**Query 3-**

SELECT occupation,

ROUND(AVG(age), 2) AS avg\_age, ROUND(AVG(weight), 2) AS avg\_weight, ROUND(AVG(height), 2) AS avg\_height

FROM sleep\_health\_lifestyle

GROUP BY occupation