**Sample of dataset before transformation –**

From DIM Table -

* select \* from dim\_sleep\_health\_lifestyle;

# Person ID Gender Age Occupation BMI Category Sleep Disorder

1 Male 27 Software Engineer Overweight None

2 Male 28 Doctor Normal None

3 Male 28 Doctor Normal None

4 Male 28 Sales Representative Obese Sleep Apnea

5 Male 28 Sales Representative Obese Sleep Apnea

6 Male 28 Software Engineer Obese Insomnia

From FACT Table –

* select \* from fact\_sleep\_health\_lifestyle;

# Person\_ID Sleep\_Duration Quality\_of\_Sleep Physical\_Activity\_Level Stress\_Level Upper\_Blood\_Pressure Lower\_Blood\_Pressure Heart\_Rate Daily\_Steps

1 6.1 6 42 6 126 83 77 4200

2 6.2 6 60 8 125 80 75 10000

3 6.2 6 60 8 125 80 75 10000

4 5.9 4 30 8 140 90 85 3000

5 5.9 4 30 8 140 90 85 3000

6 5.9 4 30 8 140 90 85 3000

7 6.3 6 40 7 140 90 82 3500

8 7.8 7 75 6 120 80 70 8000

**Sample of dataset After transformation –**

From View –

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

# Gender Occupation Sleep Disorder Avg\_Sleep\_Duration Avg\_Qulty\_sleep Avg\_Age Avg\_Physcl\_Act\_lvl Avg\_Stress\_Lvl Avg\_Dly\_Stps

Male Software Engineer None 6.1 6.0000 27.0000 42.0000 6.0000 4200.0000

Male Doctor None 6.903225806451613 6.5000 30.9839 53.4677 7.0000 6903.2258

Male Sales Representative Sleep Apnea 5.9 4.0000 28.0000 30.0000 8.0000 3000.0000

Male Software Engineer Insomnia 5.9 4.0000 28.0000 30.0000 8.0000 3000.0000

Male Teacher Insomnia 6.3 6.0000 29.0000 40.0000 7.0000 3500.0000

Female Nurse Sleep Apnea 6.45 5.0000 29.5000 37.5000 7.0000 4050.0000

Male Doctor Sleep Apnea 6.85 6.5000 30.0000 52.5000 7.0000 8000.0000

Female Nurse Insomnia 6.45 5.0000 29.5000 37.5000 7.0000 4050.0000

Female Nurse None 7.5 7.6667 39.6667 63.3333 4.6667 6933.3333

Male Engineer None 7.595238095238097 8.0000 39.6667 77.1429 4.5238 7142.8571

Male Accountant None 7.2 8.0000 32.0000 50.0000 6.0000 7000.0000

Male Doctor Insomnia 6 6.0000 33.0000 30.0000 8.0000 5000.0000

Female Scientist None 6.2 6.0000 33.0000 50.0000 6.0000 5500.0000

Female Scientist Sleep Apnea 5.8 4.0000 34.0000 32.0000 8.0000 5200.0000

Male Teacher None 6.7 7.0000 35.0000 40.0000 5.0000 5600.0000

Male Software Engineer None 7.5 8.0000 35.0000 60.0000 5.0000 8000.0000

Female Accountant None 7.16 8.0000 37.1200 60.0000 4.0000 7000.0000

Male Lawyer Sleep Apnea 7.4 7.0000 35.0000 60.0000 5.0000 3300.0000

Female Accountant Insomnia 7.2 8.0000 36.0000 60.0000 4.0000 7000.0000

Female Teacher None 7.159999999999999 8.0000 36.0000 60.0000 4.0000 7000.0000

Male Teacher Sleep Apnea 6.6 5.0000 36.0000 35.0000 7.0000 4800.0000

Female Teacher Sleep Apnea 7.2 8.0000 36.0000 60.0000 4.0000 7000.0000

Male Teacher Insomnia 6.6 5.0000 36.0000 35.0000 7.0000 4800.0000

Female Nurse None 7.083333333333333 7.5000 51.8333 74.5000 5.1667 7533.3333

Male Engineer None 7.449999999999999 7.5000 39.5000 64.2500 5.2500 6750.0000

Male Lawyer None 7.448717948717947 8.0000 39.5128 72.3077 5.0000 8000.0000

Male Lawyer Sleep Apnea 7.1 8.0000 38.0000 60.0000 5.0000 8000.0000

Female Lawyer Sleep Apnea 7.4 7.0000 38.0000 60.0000 5.0000 3300.0000

Male Lawyer Insomnia 7.4 8.0000 40.0000 75.0000 5.0000 8000.0000

Male Engineer Insomnia 6.65 6.0000 41.5000 42.5000 7.0000 4500.0000

Female Lawyer None 6.9 7.0000 39.0000 50.0000 6.0000 5500.0000