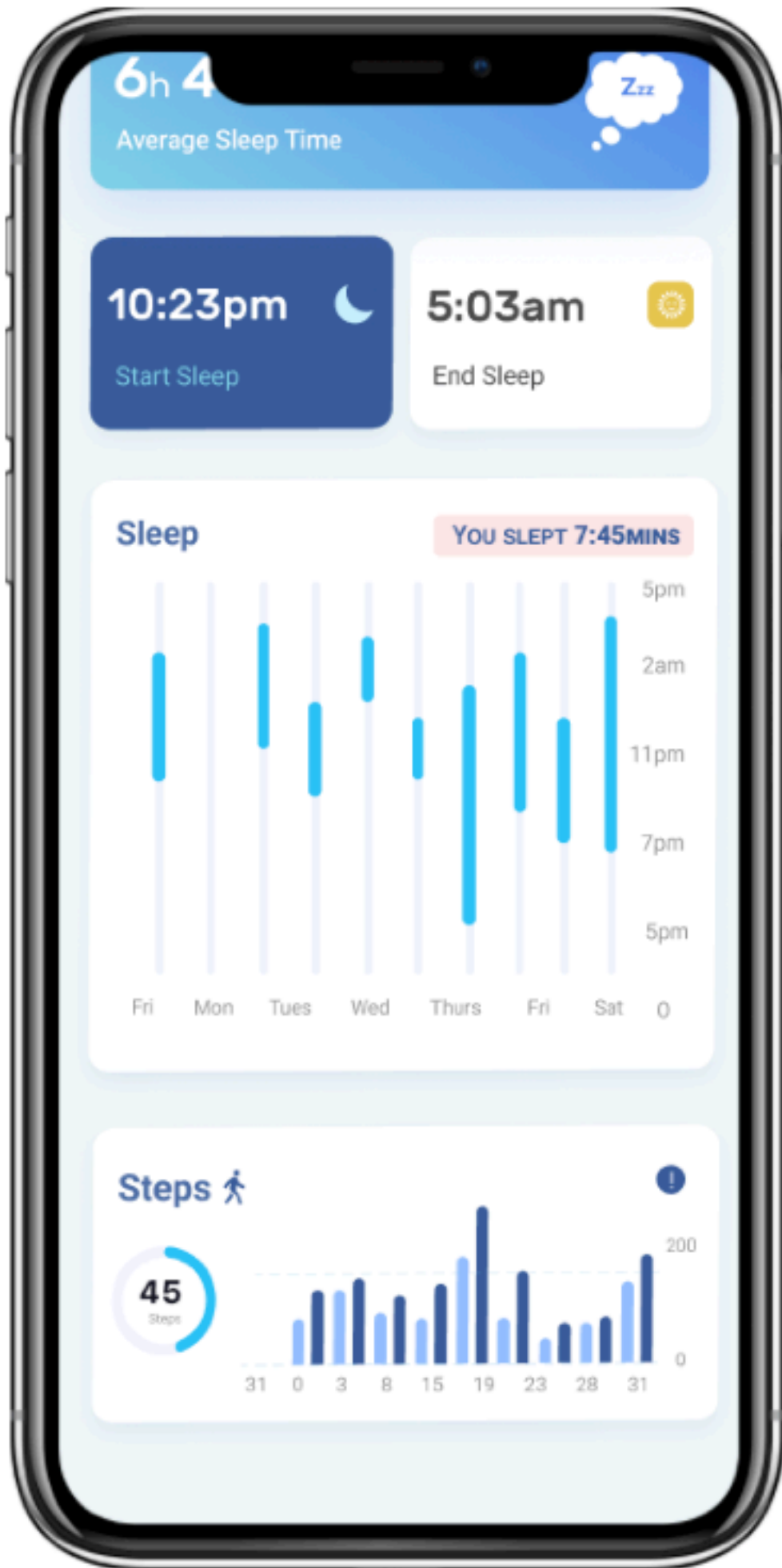
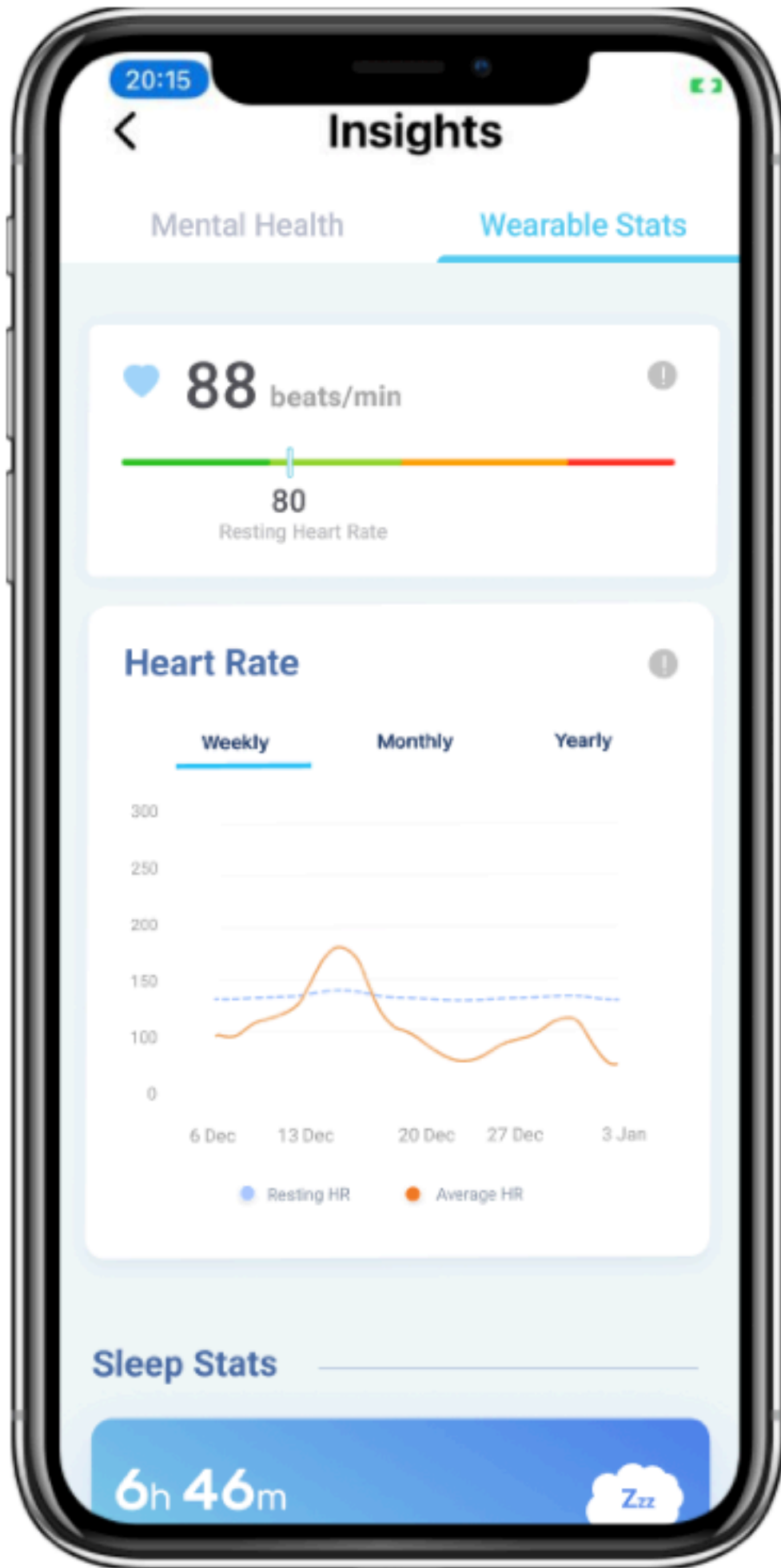




Biomarkerintegration in Rose



ROSE

HEALTH



YELLOW FLAG

First Name: Tobl
Last Name: Jameson
Date of Birth (Age): 3rd May , 1986 (34 yrs old)
Email: tobi@gmail.com

Behavioral Health Diagnosis: Anxiety
BHI Status: Enabled
Messaging Status: ☒ ENABLED
Managed by: Dr Matt, Dr David, Dr Atif [See all](#)

Inbox

Pin Content

Schedule Appointments

Assessments

Reset Flag



Mental Health

Biomarkers

Wearable Details

Device Name

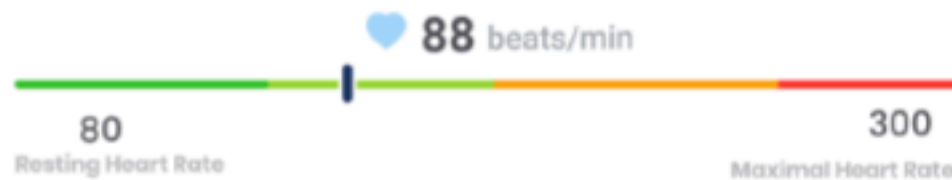


Date Connection

23/12/2020 1:12pm

Daily Avg

01/21/2020 12:23PM



From 5/01/2020 To 5/01/2020

Apply

Heart Rate



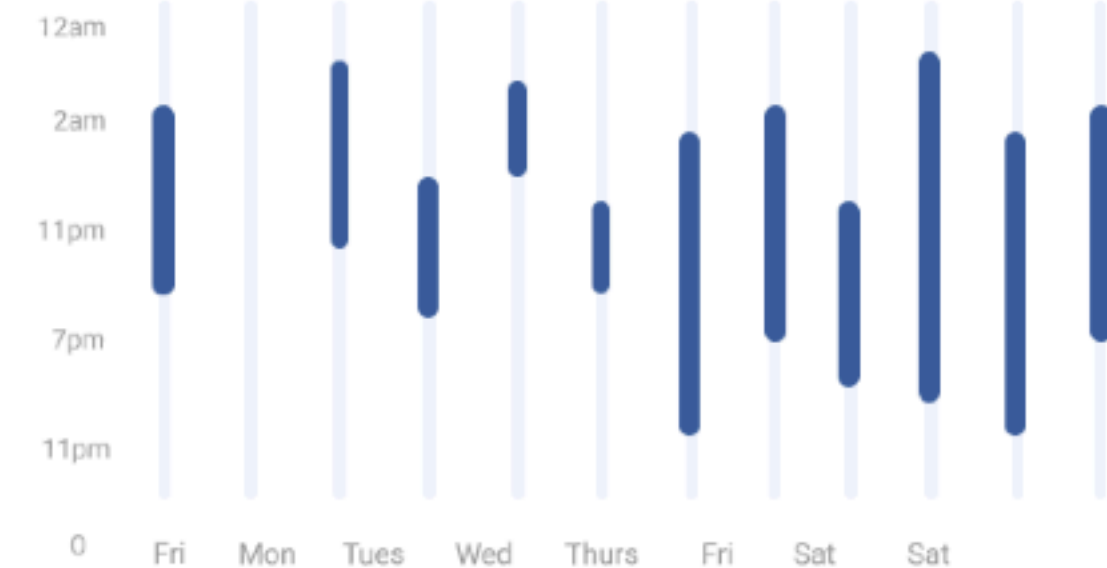
Resting Heart Rate



Heart Rate Variability



Sleep



Sleep Stats



6h 46m

Sleep on 2/23/2021



7h 46m

Average Sleep Time



10:23pm

Start Sleep

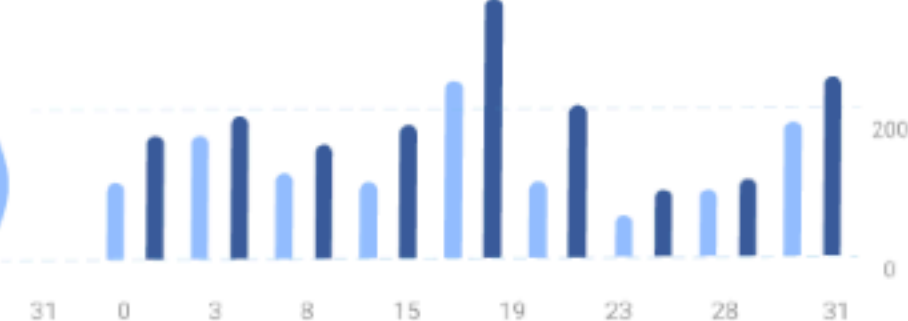


5:03am

End Sleep

Steps

45 Steps



Biomarker integration in Rose

First Name: **Tobi**
Last Name: **Jameson**
Date of Birth (Age): **3rd May, 1986 (34 yrs old)**
Email: **tobi@gmail.com**

Behavioral Health Diagnosis: **Anxiety**
BHI Status: **Enabled**
Messaging Status: **ENABLED**
Managed by: **Dr Matt, Dr David, Dr Atif** [See all](#)

YELLOW FLAG

[Inbox](#) [Pin Content](#) [Schedule Appointments](#) [Assessments](#) [Reset Flag](#)

Mental Health **Biomarkers**

Wearable Details

Device Name: **Fitbit**
Date Connection: **23/12/2020 1:12pm**

Daily Avg **88 beats/min** **01/21/2020 12:23PM**

80 Resting Heart Rate 300 Maximal Heart Rate

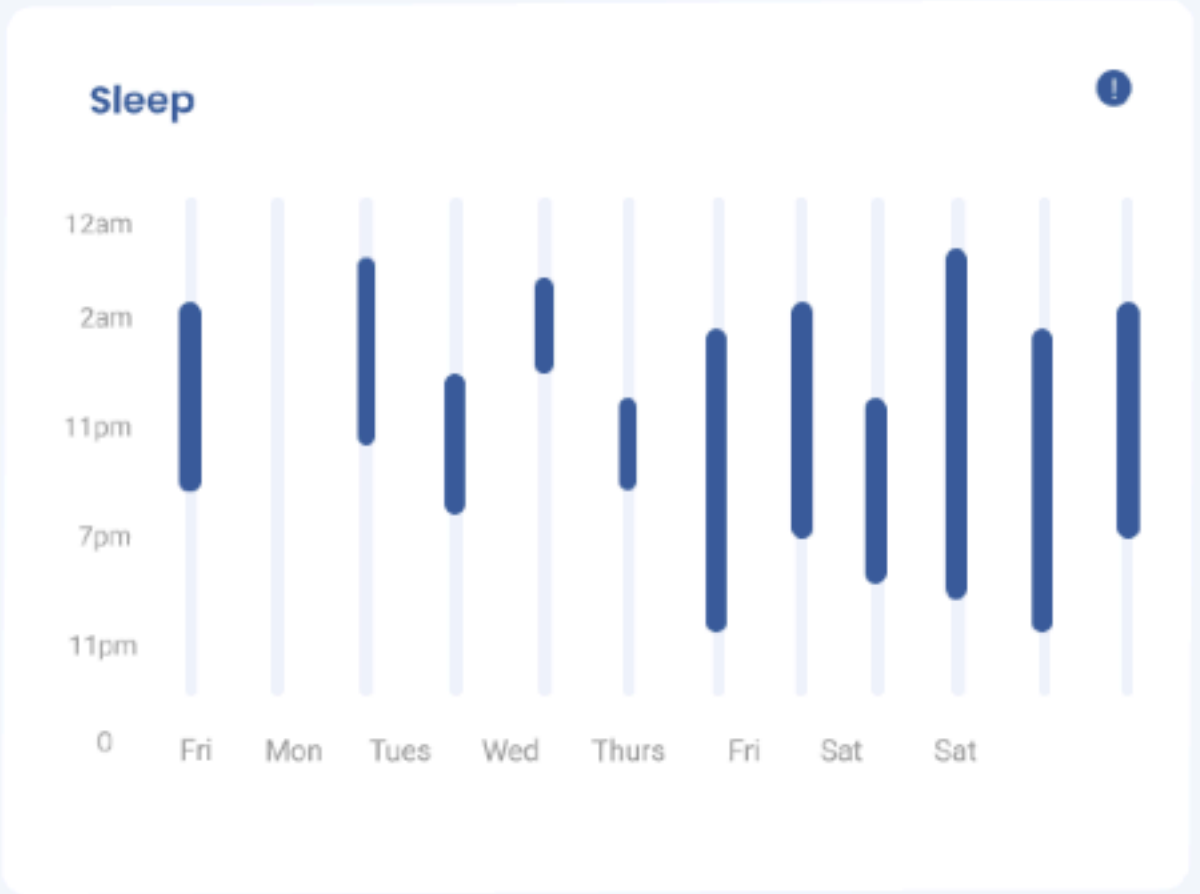
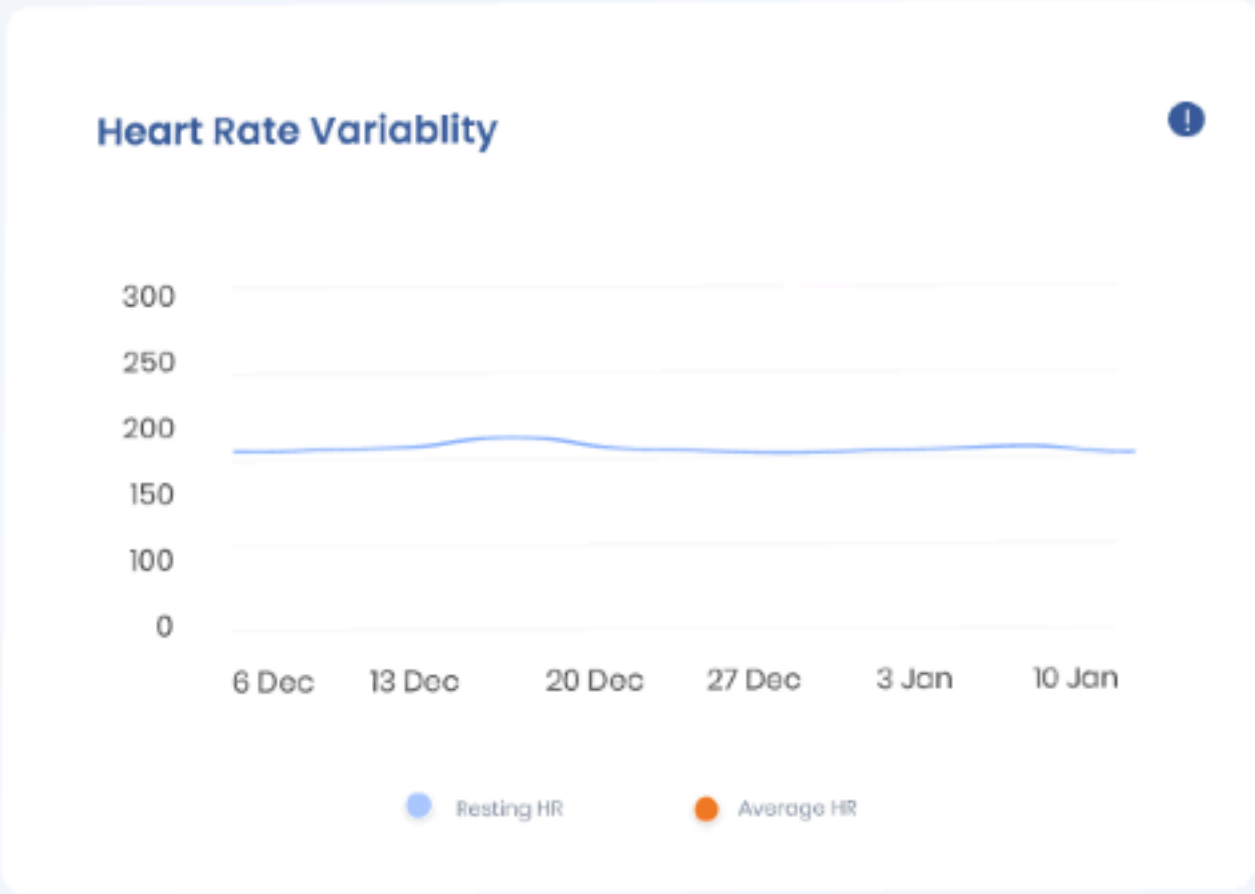
From **5/01/2020** To **5/01/2020** [Apply](#)

Heart Rate

Resting HR Average HR

Resting Heart Rate

Resting HR



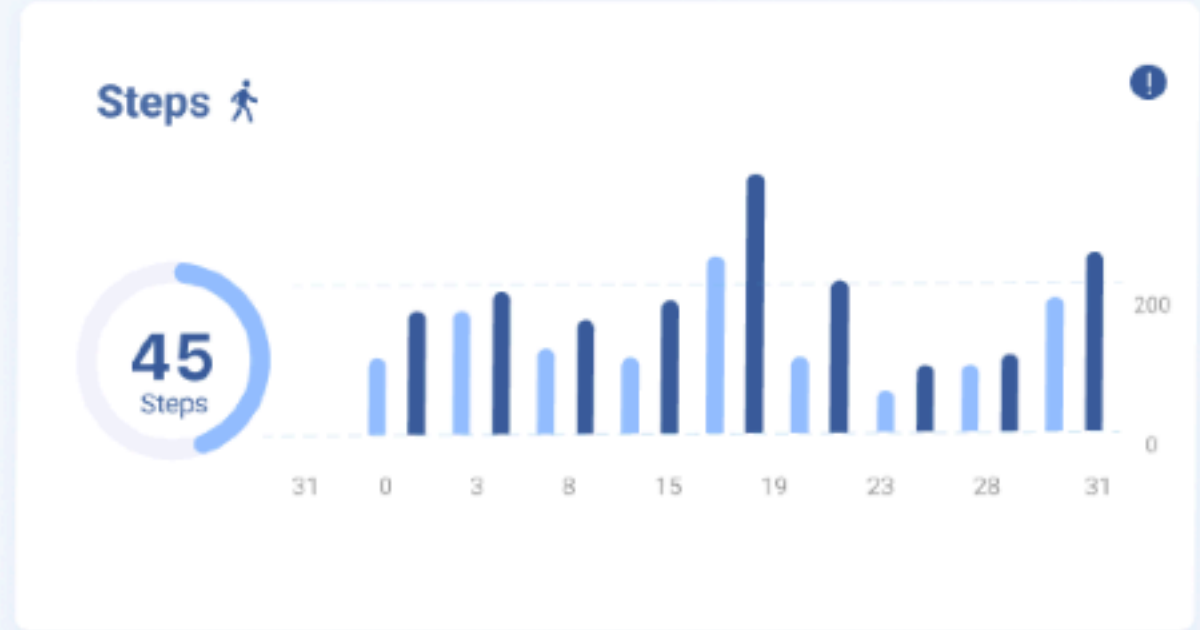
Sleep Stats

6h 46m Sleep on 2/23/2021

7h 46m Average Sleep Time

10:23pm Start Sleep

5:03am End Sleep



Digital Phenotyping 2.0 *(passive wellbeing acquisition)*

CLINICAL STATE

Depression

Anxiety

Sleep Disturbances

Wellbeing

HIGH-LEVEL BEHAVIORAL MARKERS

Hedonic
activity

Psychomotor
activity

Fatigue

Concentration/
Distractibility

Sleep
disruption

Depressed
mood

Stress

Social
avoidance

LOW-LEVEL FEATURES

Location type
(e.g. home,
work, café etc.)

Activity type
(e.g. walk,
run, drive)

Movement
intensity

Phone
usage

Bedtime/
waketime

Paralinguistic
information
(e.g. volume,
intonation of
speech)

Acoustic
environment
(e.g. noisy,
quiet)

In-phone
social
activity

KEY SENSORS

Location
(e.g. GPS,
WiFi,
Bluetooth)

Movement (e.g.
gyroscope,
accelerometer)

Phone
screen
(on/off)

Phone apps

Ambient
light

Microscope

In-phone
communication
(e.g. voice calls,
SMS)