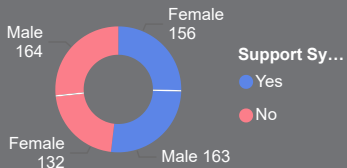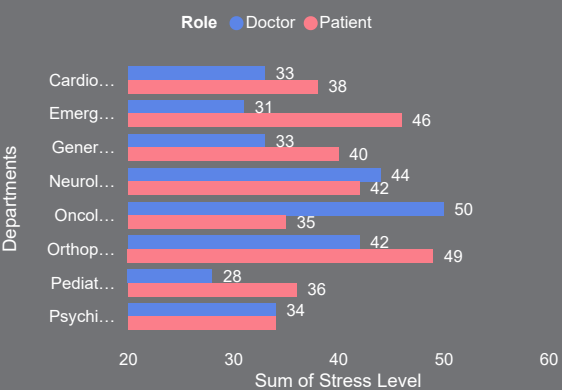# Mental Health Analysis - HEALTHCARE

Visualizing stress, satisfaction, sleep, and workload patterns in healthcare professionals and patients.

Presence of Support System

Male 164
Female 156
Female 132
Male 163

Support Sy...
- Yes
- No

Stress Level by Medical Department

Role ● Doctor ● Patient

Department	Doctor	Patient
Cardio...	33	38
Emerg...	31	46
Gener...	33	40
Neurol...	44	42
Oncol...	50	35
Orthop...	42	49
Pediat...	28	36
Psychi...	34	

Sum of Stress Level

5.67 — Average of Satisfaction Score

5.59 — Average of Stress Level

6.61 — Average of Sleep Hours

Role
- Doctor
- Patient

Workload Level
All

Department
All

Stress Level: With vs Without Chronic Illness

Chronic Illness ● No ● Yes

Stress Level	No	Yes	Total
1	34	29	63
2	23	28	51
3	28	32	60
4	29	29	58
5	34	28	62
6	39	35	74
7	31	31	62
8	34	27	61
9	17	37	54
10	39	31	70

Sum of Sleep Hours
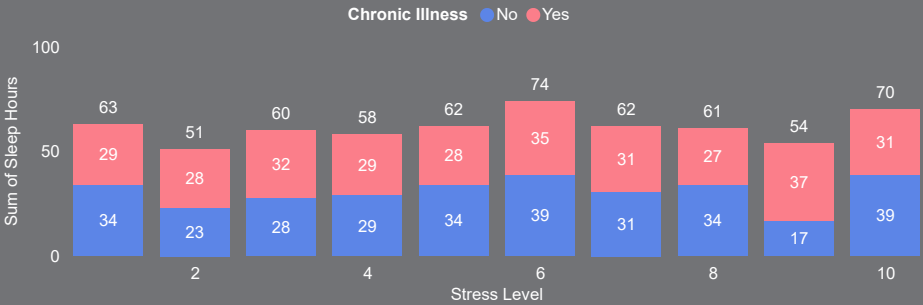
Average of Stress Level by Gender and Sleep Hours

Gender ● Female ● Male
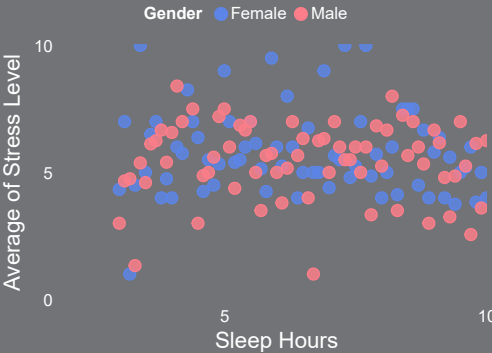
Workload Level vs Satisfaction Score

Chronic I... ● No ● Yes

Workload Level	Yes	No	Total
High	738	499	1237
Moderate	542	586	1128
Low	550	573	1123

Sum of Satisfaction Score
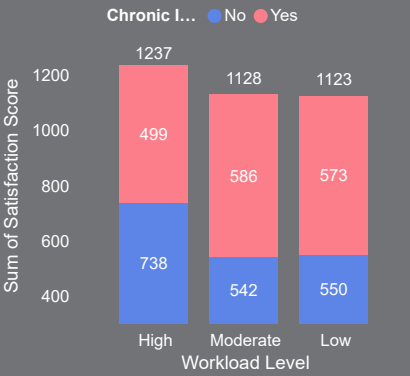
Age Distribution among Doctors and Patients

Gender ● Female ● Male

Age (bins)	Female	Male
0	28	33
20	88	84
40	101	119
60	65	82
80	6	9

Count of Person ID