

Universidad Autónoma de Nuevo León Facultad de Ciencias Físico Matemáticas



Mineria de Datos

Practica 2. Descriptive Statistics

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Grupo: 035

Entidad:

• Persona (individuo encuestado)

Atributos:

- Edad (age)
- Género (gender)
- Estado laboral (employment_status)
- Nivel de estrés, depresión, ansiedad, etc.

Relaciones

Edad ↔ Salud mental

Género ↔ Depresión/Ansiedad

Historial de salud mental ↔ Seeks treatment

Ambiente de trabajo ↔ Estres/productividad

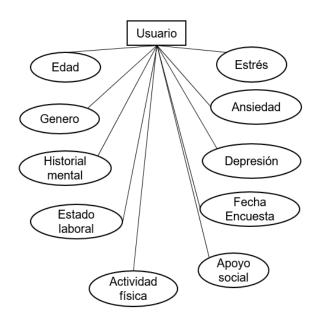
Horas de sueño ↔ Estres / Depesion

Actividad fisica ↔ Productividad / Ansiedad

Apoyo social ↔ Depresion / Riesgo salud mental

Situacion de empleo ↔ Riesgo salud mental

Busca tratamiento ↔ Puntuacion de salud mental



| PROBLEMS | OUTPUT | DEBUG CON | ISOLE TERMINAL | PORTS | | | | <u> </u> | thon + ~ [] iii |
|------------------|-------------------|-----------|----------------------------|---------------|----------------------|---------------------|----------------------|--------------------------------------|-----------------|
| tiveStat | istics.py | | | | | | | | |
| | age | | | | | | | social_support_score | |
| | .0000.000000 | | | | 10000.000000 | | | 10000.0000000 | 10000.00000 |
| mean | 41.557600 | | 2000 6.473 | | 3.505700 | | | 50.117700 | 77.31221 |
| std | 13.749581 | | 7741 1.473 | | 2.282737 | | | 29.229278 | 14.06120 |
| min | 18.000000 | | 3.000 | | 0.000000 | | | 0.000000 | 42.80000 |
| 25% 50% | 30.000000 | | 00000 5.500 00000 6.500 | | 2.000000 4.000000 | | | 25.000000 | 65.80000 |
| 75% | 41.500000 | | | | | | | 50.000000 | 77.60000 |
| | 53.000000 | | | | 5.000000 | | | 76.000000 | 89.20000 |
| max | 65.000000 | | | | 7.000000 | | | 100.000000 | 100.00000 |
| | | | mployment_stati 1000 | | | 10000.000000 | 10000.0000 | ore mental_health_risk 1000 10000 | |
| count unique | 10000.00000 Na | | | 4 | 3 | 10000.000000 NaN | | 10000 IaN 3 | |
| unique top | Na Na | | Employe | | | NaN NaN | | ian 3 IaN Medium | |
| freq | Na Na | | 586 586 | | -site 5044 | NaN NaN | | ian medium IaN 5892 | |
| mean | 41.55760 | | Na Na | | NaN | 50.117700 | 77.3122 | | |
| std | 13.74958 | | Na | | NaN | 29.229278 | 14.0612 | | |
| min | 18.00000 | | Na Na | | NaN | 0.000000 | 42.8000 | | |
| 25% | 30.00000 | | Na Na | | NaN | 25.000000 | 65.8000 | | |
| 50% | 41.50000 | | Na | | NaN | 50.000000 | 77.6000 | | |
| 75% | 53.00000 | | Na | | NaN | 76.000000 | 89.2000 | | |
| max | 65.00000 | | Na | | NaN | 100.000000 | 100,0000 | | |
| | | | | | | | | | |
| [11 rows | x 15 colum | | | | | | | | |
| | | age | stress_level | | | core social_suppo | rt_score produc | tivity_score | |
| gender Female | | 41.251963 | 5.615885 | | 10.47 | 2627 | 0.010096 | 77.259165 | |
| remaie Male | | 41.797235 | 5.615885 | | | | 0.010096 0.602370 | 77.259165 77.258065 | |
| мате Non-bina | | 41.797235 | 5.516568 | | | | 0.602370 8.753846 | 77.258065 77.972692 | |
| | ot to say | | 5.624464 | | | | | 77.612017 | |
| Prefer I | OC CO Say | 42.002140 | 5.024404 | 0.577059 . | 10.84 | 3340 4 | 7.929185 | //.01201/ | |
| 4 rows | x 8 columns | 1 | | | | | | | |
| | | age | stress_level | sleep_hours . | anxiety_s | core social_suppo | rt_score produc | tivity_score | |
| | nt_status | | | | | | | | |
| Employed | | 41.761588 | 5.599523 | | 10.49 | 4717 5 | 0.073449 | 77.277284 | |
| Self-emp | | 40.830622 | 5.569378 | 6.530813 | 10.55 | 1196 4 | 9.803828 | 77.806316 | |
| Student | | 41.351933 | 5.557024 | 6.494420 . | 10.71 | 8062 5 | 0.634361 | 77.102692 | |
| Unemploy | red | 41.541188 | 5.449234 | 6.521169 . | 10.64 | 3678 4 | 9.669540 | 77.423946 | |
| | | | | | | | | | |