



Folha de Exercícios:	TP05
Unidade Curricular:	Análise de Dados
Ano Letivo:	2020/2021- 1.º Semestre

1 *Business Intelligence* - Mental Health in IT Companies

O estudo apresentado trata-se de um questionário que avalia as atitudes dos trabalhadores em empresas de Tecnologias da Informação (ITs) relativamente à saúde mental, bem como a frequência de transtornos mentais em ambientes de trabalho. O dataset é constituído pelos seguintes atributos:

- timestamp
- age
- gender
- country
- state | If you live in the United States, which state or territory do you live in?
- self_employed | Are you self-employed?
- family_history | Do you have a family history of mental illness?
- treatment | Have you sought treatment for a mental health condition?
- work_interfere | If you have a mental health condition, do you feel that it interferes with your work?
- no_employees | How many employees does your company or organization have?
- remote_work | Do you work remotely | outside of an office) at least 50
- tech_company | Is your employer primarily a tech company/organization?
- benefits | Does your employer provide mental health benefits?
- care_options | Do you know the options for mental health care your employer provides?
- wellness_program | Has your employer ever discussed mental health as part of an employee wellness program?
- seek_help | Does your employer provide resources to learn more about mental health issues and how to seek help?
- anonymity | Is your anonymity protected if you choose to take advantage of mental health or substance abuse treatment resources?
- leave | How easy is it for you to take medical leave for a mental health condition?
- mental_health_consequence | Do you think that discussing a mental health issue with your employer would have negative consequences?
- phys_health_consequence | Do you think that discussing a physical health issue with your employer would have negative consequences?
- coworkers | Would you be willing to discuss a mental health issue with your coworkers?
- supervisor | Would you be willing to discuss a mental health issue with your direct supervisor(s)?
- mental_health_interview | Would you bring up a mental health issue with a potential employer in an interview?
- phys_health_interview | Would you bring up a physical health issue with a potential employer in an interview?

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- mental_vs_physical | Do you feel that your employer takes mental health as seriously as physical health?
 - obs_consequence | Have you heard of or observed negative consequences for coworkers with mental health conditions in your workplace?
 - comments | Any additional notes or comments

Para a realização do exercício, é necessária a instalação do software *Power BI*. Analise os dados contidos no ficheiro *mental_health_tech.csv* e projete possíveis indicadores relevantes para a extração de novo conhecimento sobre o caso de estudo.

Ferramentas: Power BI