





National Poll on Healthy Aging (NPHA)

Donated on 12/5/2023

This is a subset of the NPHA dataset filtered down to develop and validate machine learning algorithms for predicting the number of doctors a survey respondent sees in a year. This dataset's...

Dataset Characteristics

Tabular

Associated Tasks

Classification

Instances

714

Subject Area

Health and Medicine

Feature Type

Categorical

Features

14

Dataset Information



The National Poll on Healthy Aging dataset was created to gather insights on the health, healthcare, and health policy issues affecting Americans aged 50 and older. By focusing on the perspectives of older adults and their caregivers, the University of Michigan aimed to inform the public, healthcare...

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Who funded the creation of the dataset?

The dataset was funded by AARP and Michigan Medicine, the University of Michigan's academic medical centre.

What do the instances in this dataset represent?

Each row represents a survey respondent.

Does the dataset contain data that might be considered sensitive in any way?

Yes. There is information about race/ethnicity, gender, age.

Was there any data preprocessing performed?

For this subset of the original NPHA dataset we chose 14 features related to health and sleep to use for the prediction task. We then removed all survey respondents with missing responses for any of the chosen features.

Has Missing Values?

No

Introductory Paper

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National Poll on Healthy Aging (NPHA)

By Malani, Preeti N., Kullgren, Jeffrey, and Solway, Erica. 2017 Published in Inter-university Consortium for Political and Social Research

Variable Name	Role	Туре	Demographic	Descrip
Number_of_Doctors_Visited	Target	Categorical		The tot count of different doctors patient seen = 1 doctors 2-3 doctors doctors
Age	Feature	Categorical	Age	The parage grown of the parage
Physical_Health	Feature	Categorical		A self- assessi of the patient physica being = Refuse Excelle Very Go Good 4 5: Poor

Variable Name	Role	Туре	Demographic	Descriptio
Mental_Health	Feature	Categorical		A self- evaluation the patien mental or psycholog health = { Refused 1 Excellent Very Good Good 4: F 5: Poor }
Dental_Health	Feature	Categorical		A self- assessme of the patient's c or dental health= { Refused 1 Excellent Very Good Good 4: F 5: Poor }
Employment	Feature	Categorical		The patient employment status or work-relation informatic { -1: Refuse 6 1: Working full-time 2 Working part-time Retired 4: Not working this time this time the state of the
Stress_Keeps_Patient_from_Sleeping	Feature	Categorical		Whether stress affe the patien ability to sleep = { (No 1: Yes
Medication_Keeps_Patient_from_Sleeping	Feature	Categorical		Whether medicatio impacts th

Variable Name	Role	Туре	Demographic	Descriptio
				patient's sleep = { (No 1: Yes
Pain_Keeps_Patient_from_Sleeping	Feature	Categorical		Whether physical p disturbs t patient's sleep = { (No 1: Yes
Bathroom_Needs_Keeps_Patient_from_Sleeping	Feature	Categorical		Whether to use the bathrough affects the patient's sleep = { (No 1: Yes
Uknown_Keeps_Patient_from_Sleeping	Feature	Categorical		Unidentifi factors affecting patient's sleep = { (No 1: Yes
Trouble_Sleeping	Feature	Categorical		General issues or difficulties the patien faces with sleeping = 0: No 1: Ye
Prescription_Sleep_Medication	Feature	Categorical		Informatic about any sleep medicatio prescriber the patien { -1: Refus 1: Use regularly : Use occasions 3: Do not }

Variable Name	Role	Туре	Demographic	Descripti
Race	Feature	Categorical	Race	The patiracial or ethnic backgrous = { -2: N asked -1 REFUSE White, N Hispanic Other, N Hispanic 2+ Race Non-Hispanic
Gender	Feature	Categorical	Gender	The genidentity the pation of



Class Labels

Number of Doctors Visited: The total count of different doctors the patient has seen = {

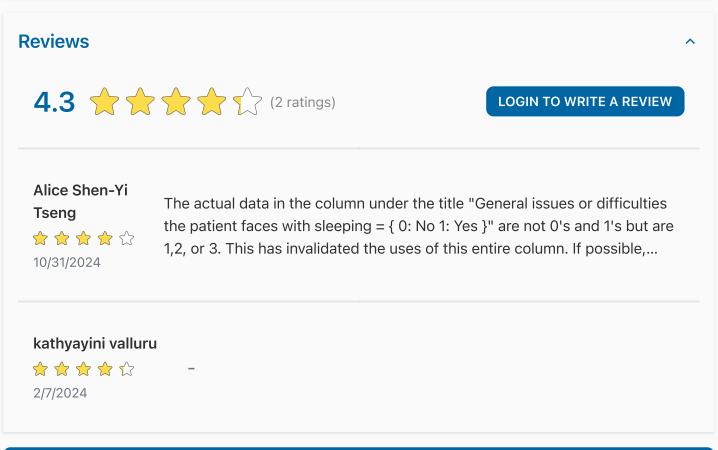
1: 0-1 doctors

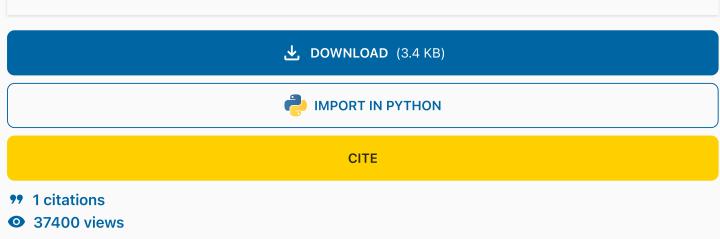
2: 2-3 doctors...

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Dataset Files







Citations/Acknowledgements

If you use this dataset, please cite:

Malani, Preeti N., Kullgren, Jeffrey, and Solway, Erica. National Poll on Healthy Aging (NPHA), [United States], April 2017. Inter-university Consortium for Political and Social Research [distributor], 2019-05-29. https://doi.org/10.3886/ICPSR37305.v1

Keywords



health)

DOI

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