Data Mining (MD)

Bachelor Degree on Informatics Engineering

Annex
COVID IMPACT
Grup 6

Felipe Castro
Théo Fuhrmann
Xavier Gordillo
Javier Rivera
Armando Rodríguez
Hasnain Shafqat

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UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH

Metadata file

Variable name	Modalities	Meaning	Type	Measuring unit	Missing code	Measuring procedure	Range	Role	Number of missings	Percentage of missings (%)
'a_adult_b_7da'		Average of all staffed inpatient and outpatient adult beds in the hospital, including all overflow and active surge/expansion beds for inpatients and for outpatients (including all ICU, ED, and observation) reported during the 7-day period.	Numeric	#Beds	NaN / -999999.0	Obtained from hospital reports on staffed hospital beds.	[0, 2656.9]	explanatory	7	0.14
'a_adult_inp_b_occ_7da'		Average of total number of staffed inpatient adult beds that are occupied reported during the 7-day period.	Numeric	#Patients	NaN / -999999.0	Obtained from hospital reports on average staffed hospital beds	[-3.0, 1906.1]	explanatory	22	0.44

'a_adult_inp_b_7da'		Average of total number of staffed inpatient adult beds in the hospital including all overflow and active surge/expansion beds used for inpatients (including all designated ICU beds) reported during the 7-day period.	Numeric	#Beds	NaN / -999999.0	Obtained from hospital reports on average staffed hospital beds	[0.0, 2656.9]	explanatory	372	7.43
'city'		The city of the facility reporting.	Qual		NaN / empty string	Obtained from the hospital's public information		explanatory	2	0.04
'fips_code'		The Federal Information Processing Standard (FIPS) code of the location of the hospital.	Qual		NaN / -999999.0	Obtained from the hospital's public information	[1001.0, 78020.0]	explanatory	4	0.08
'hospital_name'		The name of the facility reporting.	Qual		Nan / empty string	Obtained from the hospital's public information		explanatory	0	0.0

'hospital_subtype'		The sub-type of the facility reporting. Valid values are: Children's Hospitals, Critical Access Hospitals, Long Term, Psychiatric, Rehabilitation & Short Term. Some facilities are not designated with this field.	Qual		NaN / empty string	Obtained from the hospital's public information			0	0.0
	CH	Children hospital								
	CAH	Critical access hospital								
	LT	Largo Plazo								
	ST	Short term								
'icu_b_u_7da'		Average number of total number of staffed inpatient ICU beds that are occupied reported in the 7-day period.	Numeric	#Beds	NaN / -999999.0	Obtained from hospital reports on ICU beds	[-0.8, 357.7]	explanatory	459	9.17
'inp_b_7da'		Average number of total number of staffed inpatient beds in your hospital including all overflow, observation, and active surge/expansion beds used for inpatients (including all ICU beds) reported in the 7-day period.	Numeric	#Beds	NaN / -999999.0	Obtained from hospital reports on stuffed inpatient beds reported in a 7-day period	[0.0, 3097.6]	explanatory	363	7.25

'inp_b_u_7 da'		Average of total number of staffed inpatient beds that are occupied reported during the 7-day period.	Numeric	#Occu pied Beds	NaN / -999999 .0	Obtained from hospital reports on average stuffed inpatient beds reported in a 7-day period	[-2.4, 2255.3]	explana tory	0	0.0
'metro'		This is based on whether the facility serves a Metropolitan or Micropolitan area. True if yes, and false if no.	Boolean		NaN	Obtained from public hospital information	[True, False]	Respon se	0	0.0
'pda_adult_ conf_7ds'		Sum of number of patients who were admitted to an adult inpatient bed on the previous calendar day who had confirmed COVID-19 at the time of admission reported in the 7-day period.	Numeric	#Patie nts	NaN / -999999 .0	Obtained from hospital reports on admissions of positive COVID-19 patients	[-3.0, 412.0]	explana tory	963	19.24
'pda_adult_ sus_7ds'		Sum of number of patients who were admitted to an adult inpatient bed on the previous calendar day who had suspected COVID-19 at the time of admission reported in 7-day period.	Numeric	#Patie nts	NaN / -999999 .0	Obtained from hospital reports on admissions of positive COVID-19 patients	[-1.0, 2210.0]	explana tory	751	15.01

'state'		The two digit state/territory code for the hospital.	Qual		NaN / empty string	Obtained from the hospital's public information		explana tory	0	0.0
't_adult_h_ conf_sus_7 da'		Average number of patients currently hospitalized in an adult inpatient bed who have laboratory-confirmed or suspected COVID19, including those in observation beds reported during the 7-day period.	Numeric	#Patie nts	NaN / -999999 .0	Obtained from hospital reports on adult hospitalized patients	[0.0, 929.0]	explana tory	1231	24.6
't_adult_h_ conf_7da'		Average number of patients currently hospitalized in an adult inpatient bed who have laboratory-confirmed COVID-19, including those in observation beds. This average includes patients who have both laboratory-confirmed COVID-19 and laboratory-confirmed influenza.	Numeric	#Patie nts	NaN / -999999 .0	Obtained from hospital reports on adult hospitalized patients	[0.0, 335.0]	explana tory	1216	24.3

't_b_7da'		Average of total number of all staffed inpatient and outpatient beds in the hospital, including all overflow, observation, and active surge/expansion beds used for inpatients and for outpatients (including all ICU, ED, and observation) reported during the 7-day period.	Numeric	#Patients	NaN / -999999.0	Obtained from hospital reports on the number of staffed beds from COVID-19 confirmed or suspected cases	[0.0, 4519.0]	explanatory	5	0.1
't_icu_b_7da'		Average number of total number of staffed inpatient ICU beds reported in the 7-day period.	Numeric	#ICU Patients	NaN / -999999.0	Obtained from hospital reports on the number of staffed ICU beds from COVID-19 confirmed or suspected cases	[0.0, 497.0]	explanatory	248	4.96
'are_ped_h_conf_sus_7da'		There are_pediatric patients hospitalized who are suspected or laboratory-confirmed-positive for COVID-19. This average includes those in observation beds reported in the 7-day period.	Boolean		NaN		[True, False]	response	0	0.0

'zip'		The 5-digit zip code of the facility reporting.	Qual		NaN	Obtained from the hospital's public information	[603.0, 99901.0]	explanatory	0	0.00
't_ped_h_conf_sus_7da'		Average number of patients currently hospitalized in a pediatric inpatient bed, including NICU, PICU, newborn, and nursery, who are suspected or laboratory-confirmed-positive for COVID-19. This average includes those in observation beds reported in the 7-day period.	Numeric	#Patients	NaN / -999999.0	Obtained from the hospital's public information	[0.0, 80.0]	explanatory	650	12.99
't_ped_h_conf_7da'		Average number of patients currently hospitalized in a pediatric inpatient bed, including NICU, PICU, newborn, and nursery, who have laboratory-confirmed COVID-19. Including those in observation beds. Including patients who have both laboratory-confirmed COVID-19 and laboratory confirmed influenza in this field reported in the 7-day period.	Numeric	#Patients	NaN / -999999.0	Obtained from the hospital's public information	[0.0, 74.0]	explanatory	326	6.51

't_staff_adult_icu_b_7da'		Average number of total number of staffed inpatient adult ICU beds reported in the 7-day period.	Numeric	#ICU Patients	NaN / -999999.0	Obtained from the hospital's public information	[0.0, 331.4]	explanatory	252	05.04
'staff_adult_icu_b_occ_7da'		Average of total number of staffed inpatient adult ICU beds that are occupied reported in the 7-day period.	Numeric	#ICU Patients	NaN / -999999.0	Obtained from the hospital's public information	[0.0, 248.9]	explanatory	464	9.27
'staff_adult_icu_conf_sus_7da'		Average number of patients currently hospitalized in a designated adult ICU bed who have suspected or laboratory-confirmed COVID-19 reported in the 7-day period.	Numeric	#ICU Patients	NaN / -999999.0	Obtained from the hospital's public information	[0.0, 201.1]	explanatory	1101	22.00
'staff_adult_icu_conf_7da'		Average number of patients currently hospitalized in a designated adult ICU bed who have laboratory-confirmed COVID-19. Including patients who have both laboratory-confirmed COVID-19 and laboratory-confirmed influenza in this field reported in the 7-day period.	Numeric	#ICU Patients	NaN / -999999.0	Obtained from the hospital's public information	[0.0, 140.4]	explanatory	1092	21.82

'inp_b_u_7 da_perc'		Average percentage of beds used by inpatients in 7 days	Numeric	#Beds	-	Obtained by combining two variables from the original dataset	[0.0, 402.5]	explana tory	0	0
'icu_b_u_7 da_perc'		Average percentage of beds used by inpatients in UCI in 7 days	Numeric	#ICU beds	-	Obtained by combining two variables from the original dataset	[0.0, 349.8]	explana tory	0	0
't_adult_h_ conf_7da_p erc'		average percentage of inpatients that have Covid-19 confirmed by laboratory	Numeric	#Patie nts	-	Obtained by combining two variables from the original dataset	[0.0, 434.2]	explana tory	0	0
								Total:	**9528**	**5.905 %**