

Project Development Phase SPRINT-1

Date	25 October 2022
Team ID	PNT2022TMID02935
Project Name	Project-Analytics for health care's data

DATASET:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	case_id	Hospital_c	Hospital_t	City_Code	Hospital_r	Available	Department	Ward_Type	Ward_Faci	Bed	Grade	patientid	City_Code	Type of Ad	Severity of	Visitors w/	Age	Admission	Stay				
2	1	8	c		3	Z	3	radiothera	R	F	2	31397	7	Emergency	Extreme	2	51-60	4911	0-10				
3	2	2	c		5	Z	2	radiothera	S	F	2	31397	7	Trauma	Extreme	2	51-60	5954	41-50				
4	3	10	e		1	X	2	anesthesia	S	E	2	31397	7	Trauma	Extreme	2	51-60	4745	31-40				
5	4	26	b		2	Y	2	radiothera	R	D	2	31397	7	Trauma	Extreme	2	51-60	7272	41-50				
6	5	26	b		2	Y	2	radiothera	S	D	2	31397	7	Trauma	Extreme	2	51-60	5558	41-50				
7	6	23	a		6	X	2	anesthesia	S	F	2	31397	7	Trauma	Extreme	2	51-60	4449	Nov-20				
8	7	32	f		9	Y	1	radiothera	S	B	3	31397	7	Emergency	Extreme	2	51-60	6167	0-10				
9	8	23	a		6	X	4	radiothera	Q	F	3	31397	7	Trauma	Extreme	2	51-60	5571	41-50				
10	9	1	d		10	Y	2	gynecolog	R	B	4	31397	7	Trauma	Extreme	2	51-60	7223	51-60				
11	10	10	e		1	X	2	gynecolog	S	E	3	31397	7	Trauma	Extreme	2	51-60	6056	31-40				
12	11	22	g		9	Y	2	radiothera	S	B	2	31397	7	Urgent	Extreme	2	51-60	5797	21-30				
13	12	26	b		2	Y	4	radiothera	R	D	1	31397	7	Urgent	Extreme	2	51-60	5993	Nov-20				
14	13	16	c		3	Z	2	radiothera	R	A	3	31397	7	Emergency	Extreme	2	51-60	5141	0-10				
15	14	9	d		5	Z	3	radiothera	S	F	3	31397	7	Urgent	Extreme	2	51-60	8477	21-30				
16	15	6	a		6	X	4	gynecolog	Q	F	3	63418	8	Emergency	Extreme	2	71-80	2685	0-10				
17	16	6	a		6	X	3	gynecolog	Q	F	3	63418	8	Emergency	Extreme	2	71-80	9398	0-10				
18	17	23	a		6	X	4	radiothera	Q	F	3	63418	8	Urgent	Extreme	4	71-80	2933	0-10				
19	18	29	a		4	X	4	anesthesia	S	F	3	63418	8	Emergency	Extreme	2	71-80	5342	Nov-20				
20	19	32	f		9	Y	4	radiothera	S	B	2	63418	8	Trauma	Extreme	2	71-80	7442	21-30				
21	20	12	a		9	Y	4	radiothera	Q	B	2	63418	8	Trauma	Extreme	2	71-80	5155	31-40				
22	21	16	c		3	Z	2	anesthesia	S	A	3	63418	8	Trauma	Extreme	2	71-80	8181	31-40				
23	22	3	c		3	Z	2	anesthesia	R	A	3	63418	8	Trauma	Extreme	2	71-80	6672	21-30				
24	23	21	c		3	Z	2	anesthesia	S	A	3	63418	8	Trauma	Extreme	2	71-80	6364	Nov-20				
25	24	6	a		6	X	3	anesthesia	R	F	3	63418	8	Urgent	Extreme	2	71-80	4664	21-30				
26	25	26	b		2	Y	4	radiothera	Q	D	1	63418	8	Trauma	Extreme	4	71-80	4091	31-40				

NUMBER OF ROWS IN OUR DATASET:318439

NUMBER OF PARAMETER:18

PARAMETER DESCRIPTION:

COLUMN	DESCRIPTION
case_id	Case_ID registered in Hospital
Hospital_code	Unique code for the Hospital
Hospital_type_code	Unique code for the type of Hospital
City_Code_Hospital	City Code of the Hospital
Hospital_region_code	Region Code of the Hospital
Available Extra Rooms in Hospital	Number of Extra rooms available in the Hospital
Department	Department overlooking the case
Ward_Type	Code for the Ward type

Ward_Facility_Code	Code for the Ward Facility
Bed Grade	Condition of Bed in the Ward
patientid	Unique Patient Id
City_Code_Patient	City Code for the patient
Type of Admission	Admission Type registered by the Hospital
Severity of Illness	Severity of the illness recorded at the time of admission
Visitors with Patient	Number of Visitors with the patient
Age	Age of the patient
Admission_Deposit	Deposit at the Admission Time
Stay	Stay Days by the patient

TRAINING DATA:

NUMBER OF ROWS:137057

NUMBER OF PARAMETER:17

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	case_id	Hospital_c	Hospital_t	City_Code	Hospital_r	Available	Department	Ward_Type	Ward_Fac	Bed Grade	patientid	City_Code	Type of Ad	Severity of	Visitors w	Age	Admission	Stay					
2	1	8	c	3	Z		3	radiothera	R	F	2	31397	7	Emergency	Extreme	2 51-60	4911	0-10					
3	2	2	c	5	Z		2	radiothera	S	F	2	31397	7	Trauma	Extreme	2 51-60	5954	41-50					
4	3	10	e	1	X		2	anesthesia	S	E	2	31397	7	Trauma	Extreme	2 51-60	4745	31-40					
5	4	26	b	2	Y		2	radiothera	R	D	2	31397	7	Trauma	Extreme	2 51-60	7272	41-50					
6	5	23	b	2	Y		2	radiothera	S	D	2	31397	7	Trauma	Extreme	2 51-60	5558	41-50					
7	6	23	a	6	X		2	anesthesia	S	F	2	31397	7	Trauma	Extreme	2 51-60	4449	Nov-20					
8	7	32	f	9	Y		1	radiothera	S	B	3	31397	7	Emergency	Extreme	2 51-60	6167	0-10					
9	8	23	a	6	X		4	radiothera	Q	F	3	31397	7	Trauma	Extreme	2 51-60	5571	41-50					
10	9	1	d	10	Y		2	gynecolog	R	B	4	31397	7	Trauma	Extreme	2 51-60	7223	51-60					
11	10	10	e	1	X		2	gynecolog	S	E	3	31397	7	Trauma	Extreme	2 51-60	6056	31-40					
12	11	22	g	9	Y		2	radiothera	S	B	2	31397	7	Urgent	Extreme	2 51-60	5797	21-30					
13	12	26	b	2	Y		4	radiothera	R	D	1	31397	7	Urgent	Extreme	2 51-60	5993	Nov-20					
14	13	16	c	3	Z		2	radiothera	R	A	3	31397	7	Emergency	Extreme	2 51-60	5141	0-10					
15	14	9	d	5	Z		3	radiothera	S	F	3	31397	7	Urgent	Extreme	2 51-60	8477	21-30					
16	15	6	a	6	X		4	gynecolog	Q	F	3	63418	8	Emergency	Extreme	2 71-80	2685	0-10					
17	16	6	a	6	X		3	gynecolog	Q	F	3	63418	8	Emergency	Extreme	2 71-80	9398	0-10					
18	17	23	a	6	X		4	radiothera	Q	F	3	63418	8	Urgent	Extreme	4 71-80	2933	0-10					
19	18	29	a	4	X		4	anesthesia	S	F	3	63418	8	Emergency	Extreme	2 71-80	5342	Nov-20					
20	19	32	f	9	Y		4	radiothera	S	B	2	63418	8	Trauma	Extreme	2 71-80	7442	21-30					
21	20	12	a	9	Y		4	radiothera	Q	B	2	63418	8	Trauma	Extreme	2 71-80	5155	31-40					
22	21	16	c	3	Z		2	anesthesia	S	A	3	63418	8	Trauma	Extreme	2 71-80	8181	31-40					
23	22	3	c	3	Z		2	anesthesia	R	A	3	63418	8	Trauma	Extreme	2 71-80	6672	21-30					
24	23	21	c	3	Z		3	anesthesia	S	A	3	63418	8	Trauma	Extreme	2 71-80	6364	Nov-20					
25	24	6	a	6	X		3	anesthesia	R	F	3	63418	8	Urgent	Extreme	2 71-80	4664	21-30					
26	25	26	h	2	Y		4	radiothera	Q	D	1	63418	8	Trauma	Extreme	4 71-80	4091	31-40					

TESTING DATA:

NUMBER OF ROWS:137057

NUMBER OF PARAMETER:17

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	case_id	Hospital_c	Hospital_t	City_Code	Hospital_r	Available	Department	Ward_Typ	Ward_Faci	Bed	Grade	patientId	City_Code	Type of Ad	Severity	of Visitors	wi	Age	Admission_Deposit				
2	318439	21	c		3	Z	3	gynecolog	S	A	2	17006	2	Emergency	Moderate	2	71-80	3095					
3	318440	29	a		4	X	2	gynecolog	S	F	2	17006	2	Trauma	Moderate	4	71-80	4018					
4	318441	26	b		2	Y	3	gynecolog	Q	D	4	17006	2	Emergency	Moderate	3	71-80	4492					
5	318442	6	a		6	X	3	gynecolog	Q	F	2	17006	2	Trauma	Moderate	3	71-80	4173					
6	318443	28	b		11	X	2	gynecolog	R	F	2	17006	2	Trauma	Moderate	4	71-80	4161					
7	318444	23	a		6	X	3	gynecolog	Q	F	2	17006	2	Trauma	Moderate	2	71-80	4659					
8	318445	26	b		2	Y	2	gynecolog	Q	D	2	17006	2	Trauma	Moderate	2	71-80	4167					
9	318446	25	e		1	X	4	gynecolog	S	E	3	95946		Emergency	Moderate	2	31-40	4396					
10	318447	23	a		6	X	4	gynecolog	Q	F	3	95946		Trauma	Moderate	2	31-40	4088					
11	318448	23	a		6	X	3	gynecolog	Q	F	4	95946		Urgent	Moderate	2	31-40	3925					
12	318449	10	e		1	X	4	gynecolog	Q	E	2	95946		Trauma	Moderate	2	31-40	4241					
13	318450	4	a		4	X	3	gynecolog	R	F	3	95946		Emergency	Moderate	6	31-40	3468					
14	318451	16	c		3	Z	4	gynecolog	R	A	3	95946		Trauma	Moderate	3	31-40	4322					
15	318452	28	b		11	X	3	gynecolog	R	F	4	95946		Urgent	Moderate	2	31-40	4315					
16	318453	19	a		7	Y	1	gynecolog	S	C	2	40728	8	Emergency	Moderate	4	51-60	3288					
17	318454	26	b		2	Y	5	gynecolog	S	D	4	40728	8	Emergency	Moderate	4	51-60	6818					
18	318455	19	a		7	Y	2	gynecolog	S	C	4	40728	8	Emergency	Moderate	2	51-60	3410					
19	318456	26	b		2	Y	3	gynecolog	P	D	4	40728	8	Trauma	Moderate	6	51-60	4782					
20	318457	23	a		6	X	4	anesthesia	Q	F	2	40728	8	Emergency	Moderate	4	51-60	5357					
21	318458	25	e		1	X	2	anesthesia	S	E	2	40728	8	Trauma	Moderate	2	51-60	6984					
22	318459	32	f		9	Y	2	gynecolog	S	B	2	40728	8	Urgent	Moderate	2	51-60	5716					
23	318460	26	b		2	Y	2	gynecolog	R	D	3	40728	8	Urgent	Moderate	6	51-60	3410					
24	318461	11	b		2	Y	2	gynecolog	S	D	3	40728	8	Urgent	Moderate	2	51-60	5069					
25	318462	6	a		6	X	2	anesthesia	R	F	3	128946	7	Emergency	Moderate	4	51-60	4596					
26	318463	1	d		10	Y	3	anesthesia	R	R	2	128946	7	Trauma	Moderate	6	51-60	3933					

	A	B
1	case_id	Stay
2	318439	0-10
3	318440	0-10
4	318441	0-10
5	318442	0-10
6	318443	0-10
7	318444	0-10
8	318445	0-10
9	318446	0-10
10	318447	0-10
11	318448	0-10
12	318449	0-10
13	318450	0-10
14	318451	0-10
15	318452	0-10
16	318453	0-10
17	318454	0-10
18	318455	0-10
19	318456	0-10
20	318457	0-10
21	318458	0-10
22	318459	0-10