WORKING WITH THE DATASET

Date	31 October 2022
Team ID	PNT2022TMID36912
Project Name	ANALYTICS FOR HOSPITALS' HEALTH-CARE DATA
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UNDERSTANDING THE DATASET:

DATASET LINK:

https://drive.google.com/drive/folders/1qozDgfVw04hGS8Di_SFhUNdUKUdjkhrT?usp=sharing

LOADING THE DATASET:

Create +

Explore data relationships

test_data.csv   Reset to original

Available Extra Rooms in Hospital   Edit diagram

Ward_Type

Visitors with Patient

Available Extra Rooms in Hospital

Hospital_code

Age

Relationship diagram ⓘ

10%   100%

Available Extra Rooms in Hospital

438K

Available Extra Rooms in Hospital

Add +

Available Extra Rooms in Hospital

Add +

Admission_Deposit and Available Extra Rooms in Hospital for Hospital_regio...

Create +   1/5   Column   Related   Compare   Analytics   Details   Fields   Properties

case_id by Severity of Illness colored by Severity of Illness

Severity of Illness
● Extreme   ● Minor   ● Moderate

90,000
80,000
70,000   75,722
60,000
50,000
40,000
30,000   36,863
24,472
20,000
10,000
0

case_id(Count)

Extreme   Minor   Moderate

Severity of Illness

Create +   2/5   Line   Related   Compare   Analytics   Details   Fields   Properties

case_id by Age

Extreme

| 287 | 539 | 1,936 | 4,234 | 5,967 | 4,588 | 3,337 | 2,814 | 658 | 112 |

0-10   11-20   21-30   31-40   41-50   51-60   61-70   71-80   81-90   91-100

Minor

| 1,198 | 3,532 | 6,517 | 6,810 | 5,898 | 4,338 | 3,453 | 4,152 | 814 | 151 |

0-10   11-20   21-30   31-40   41-50   51-60   61-70   71-80   81-90   91-100

Moderate

| 1,401 | 3,032 | 9,264 | 15,737 | 15,881 | 12,066 | 8,142 | 7,979 | 1,878 | 342 |

0-10   11-20   21-30   31-40   41-50   51-60   61-70   71-80   81-90   91-100

Create +   3/5   Summary   Related   Compare   Analytics   Details   Fields   Properties

Ward_Type

6

Ward_Type

Create + · 4/5 · Column · Related · Compare · Analytics · Details · Fields · Properties

case_id by Department colored by Department

Department
● TB & Chest disease ● anesthesia ● gynecology ● radiotherapy ● surgery

120,000
107,202
100,000

80,000

60,000
case_id (Count distinct)
40,000

20,000
12,709   12,517
4,165   464
0
gynecology   anesthesia   radiotherapy   TB & Chest disease   surgery

Department

Create + · 5/5 · Packed bubble · Related · Compare · Analytics · Details · Fields · Properties

Department and Bed Grade colored by Department and Hospital_region_code sized by case_id

case_id (Count dis...   Department - Hospital_region_code
1   17,805
● TB & Chest disease | X ● TB & Chest disease | Y ● TB & Chest disease | Z ● anesthesia | X ● anesthesia | Y ● anesthesia | Z ● gynecology | X ● gynecology | Y ● gynecology | Z
● radiotherapy | X ● radiotherapy | Y ● radiotherapy | Z ● surgery | X ● surgery | Y ● surgery | Z