

# DATA PREPROCESSING

Team ID	PNT2022TMID54247
Project Name	Analytics For Hospital Health Data.
Team Members	Jagadeesh R(TL), Karthik K(TM-1), Hariharan C(TM-2), Deepak Raj S(TM-3).

## BEFORE PREPROCESSING:

## AFTER PREPROCESSING:

Grid

Relationships

Custom tables

Ward Type	Ward Facility Code	Bed Grade	Patientid	City Code Patient	Type Of Admission	Severity Of I
R	B	4	31397	7	Trauma	Extreme
S	E	3	31397	7	Trauma	Extreme
S	B	2	31397	7	Urgent	Extreme
R	D	1	31397	7	Urgent	Extreme
R	A	3	31397	7	Emergency	Extreme
S	F	3	31397	7	Urgent	Extreme
Q	F	3	63418	8	Emergency	Extreme
Q	F	3	63418	8	Emergency	Extreme
Q	F	3	63418	8	Urgent	Extreme
S	F	3	63418	8	Emergency	Extreme
S	B	2	63418	8	Trauma	Extreme

IBM Cognos Analytics with Watson

New data module

11

Search content

Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events

Dismiss

More info

Grid

Relationships

Custom tables

Ward Type

Ward Facility Code

Bed Grade

Patientid

City Code Patient

Type Of Admission

Severity Of I

R	B	4	31397	7		Extreme
S	E	3	31397	7		Extreme
S	B	2	31397	7		Extreme
R	D	1	31397	7		Extreme
R	A	3	31397	7		Extreme
S	F	3	31397	7		Extreme
Q	F	3	63418	8		Extreme
Q	F	3	63418	8		Extreme
Q	F	3	63418	8		Urgent
S	F	3	63418	8		Emergency
S	B	2	63418	8		Trauma

Filter...

Create calculation...

Create data group...

Create navigation path...

Hide from users

Remove

Format data...

Clean...

Sort descending

Sort ascending

Properties

Available...Hospital

Department

Ward Type

Ward Facility Code

Bed Grade

Patientid

City Code Patient

Type Of Admission

Severity Of Illness

Visitors ...h Patient

Age

Admission Deposit

Stay

Department

Hospital

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New data module

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Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events

Dismiss

More info

Grid

Relationships

Custom tables

Ward Type

Ward Facility Code

Bed Grade

Patientid

City Code Patient

Type Of Admission

Severity Of I

R	F	1	74789	2		Emergency	Moderate
R				2		Trauma	Moderate
R				2		Trauma	Moderate
R				2		Emergency	Moderate
Q				8		Emergency	Moderate
R				8		Emergency	Moderate
S				8		Trauma	Moderate
R				8		Urgent	Moderate
R				5		Emergency	Minor
S	F	2	68311	5		Trauma	Minor
R	F	2	49536	14		Emergency	Moderate
Q	F	1	107910	5		Emergency	Moderate
Q	D	4	53888	5		Emergency	Minor

Clean - City Code Patient

NULL values

Replace this value with NULL

0

Replace NULL values with

8

Cancel

Clean

City Code Patient

Hospital

Available...Hospital

Department

Ward Type

Ward Facility Code

Bed Grade

Patientid

City Code Patient

Type Of Admission

Severity Of Illness

Visitors ...h Patient

Age

Admission Deposit

Stay

Department

Hospital

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# CLEANED DATASET

IBM Cognos Analytics with Watson

New data module

11

Search content

Properties

Grid

Relationships

Custom tables

	Ward Facility Code	Bed Grade	Patientid	City Code Patient	Type Of Admission	Severity Of Illness	Visitors With Pat
↑↓	A	3	63418	8	Trauma	Extreme	2
	A	3	63418	8	Trauma	Extreme	2
	F	3	63418	8	Urgent	Extreme	2
	D	1	63418	8	Trauma	Extreme	4
	F	2	8088	2	Emergency	Moderate	2
	D	3	8088	2	Trauma	Moderate	2
	D	3	8088	2	Trauma	Moderate	2
	F	2	8088	2	Trauma	Moderate	4
	C	2	8088	2	Trauma	Moderate	2
	C	3	8088	2	Urgent	Moderate	4
	C	2	28843	8	Emergency	Moderate	2
	D	1	28843	8	Trauma	Moderate	2
	E	2	109338	5	Emergency	Moderate	3

Data module

City Code Hospital

Hospital ...ion Code

Available...Hospital

Department

Ward Type

Ward Facility Code

Bed Grade

Patientid

City Code Patient

Type Of Admission

Severity Of Illness

Visitors ...h Patient

Age

Admission Deposit

Stay

Department

Hospital

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