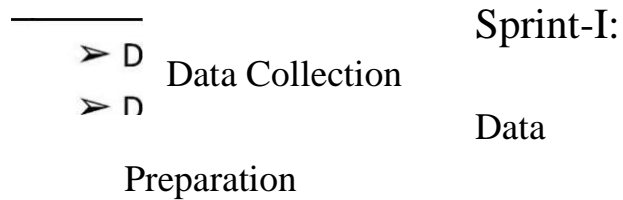


Project Development Phase Delivery of Sprint-I

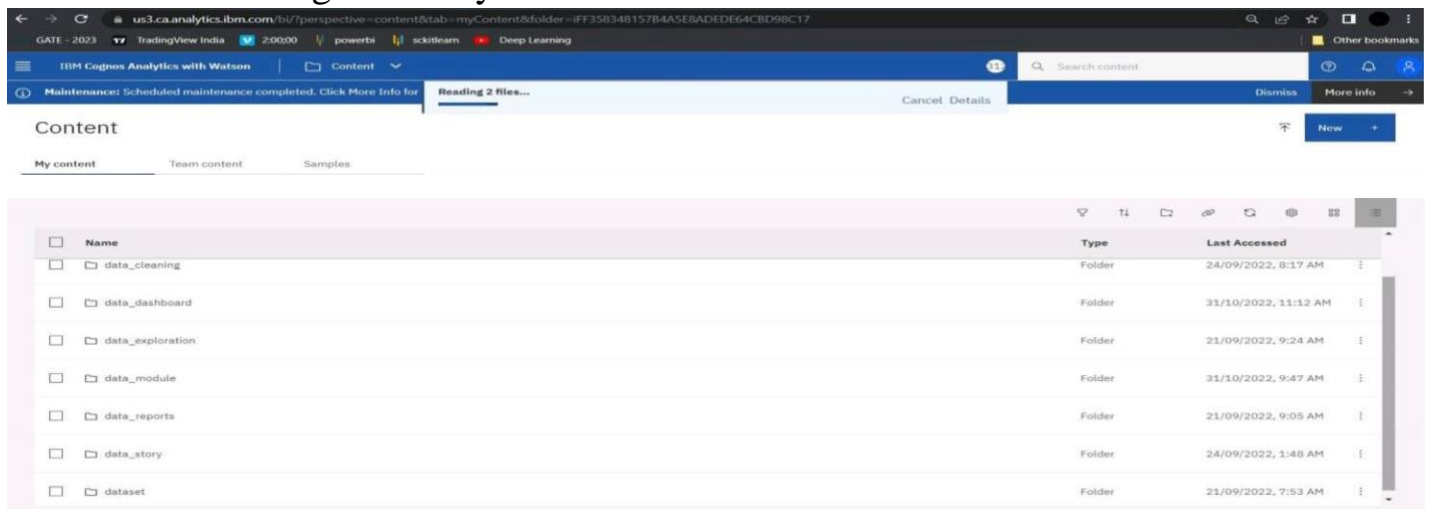
Date	12 NOVEMBER 2022
Team ID	PNT2022TMID22855
Project Name	Analytics for Hospitals' Health-Care Data

Project Development Phase:



Sprint-I:

Tool used: IBM Cognos Analytics



Data Preparation: Prepare

14	14	9	d	5	Z	3	radiotherapy
15	15	6	a	6	X	4	gynecology
16	16	6	a	6	X	3	gynecology

the Dataset

Row Id	case_id	Hospital_code	Hospital_type_code	City_Code_Hospital	Hospital_region_code	Available E...in Hospital	Department
1	1	8	c	3	Z	3	radiotherapy
2	2	2	c	5	Z	2	radiotherapy
3	3	10	e	1	X	2	anesthesia
4	4	26	b	2	Y	2	radiotherapy
5	5	26	b	2	Y	2	radiotherapy
6	6	23	a	6	X	2	anesthesia
7	7	32	f	9	Y	1	radiotherapy
8	8	23	a	6	X	4	radiotherapy

10	10	10	gynecology radiotherapy
11	11	22	
12	12	26	radiotherapy
13		16	radiotherapy

Null Values Cleaning Process :

IBM Cognos Analytics with Watson			
----------------------------------	--	--	--

IBM Cognos Analytics with Watson

hospital_care_data

hamburger icon

search icon

edit calculation

close icon

Name

City_Code_Patient

Components

Search

between

case

contains

currentMeasure

default

distinct

else

end

ends with

escape

for

for all

for any

Expression

```
1 IF ( City_Code_Patient is missing )
2 THEN ( median (City_Code_Patient ))
3 ELSE City_Code_Patient )
```

Validation Results

The expression is valid.

Cancel

OK

Cancel

OK

[illegible]

abc

abc

abc
abc

Urgent	Extreme
--------	---------

apy	S
ia	S
apy	
apy	S
ia	S
apy	S
apy	

I-Jrgent	Extreme
Emergency	Extreme
Urgent	Extreme
Emergency	Extreme

abc
abc

	3	31397
s S	2	31397
apy		
apy	1	31397

abc
abc

apy		3	31397
apy	S	3	31397
		3	63418

Hospital_code7 abc
Hospital_pe_code7
City_Cod...Hospital

Hospital...ion_code

Available...Hospital
abc Department7
abc Ward_Type

abc

Bed Grade

Visitors ...h Patient

Age

Admissio...Deposit8
Stay

abc

abc

7 case id

7

7

7

7

7 patientid

City_Code_Patient7 Type of Admission 7 abc Severity of Illness

7

7

test_data.cs

3634188EmergencyExtreme

IBM Cognos Analytics with Watsonhospital_care_data

Data moduleGridRelationshipsCustom tables

Hospital Data :

Q Search content

prorp

Row Id	case Id	Hospital_code	Hospital_type code	City_code_Hospital	Hospital_region_code	Available E...in Hospital Departmente
		8		3	z	3radiotherapyf
		2	c	5	z	2radiotherapyi
	10			1	x	2e
						anesthesias

abc
abc

Q Search

abc
abc

D...	abc	31397	7	Trauma	Extreme	2	51-60	5558	41-50
		31397	7	Trauma	Extreme	2	51-60	4449	11-20
	abc	31397	7	Emergency	Extreme	2	51-60	6167	0-10
	abc	31397	7	Trauma	Extreme	2	51-60	5571	41-50
		31397	7	Trauma	Extreme	2	51-60	7223	5160
		31397	7	Trauma	Extreme	2	51-60	6056	3140
	31397	7	Urgent	Extreme	2	51-60	5797	21-30	
	31397	7	Urgent	Extreme	2	51-60	5993	11-20	
	31397	7	Emergency	Extreme	2	51-60	5141	0-10	
31397	7	Urgent	Extreme	2	51-60	8477	21-30		
Sta	63418	8	Emergency	Extreme	2	71-80	2685	0-10	
	63418	8	Emergency	Extreme	2	71-80	2685	0-10	