

# PROJECT DEVELOPMENT PHASE DELIVERY OF SPRINT -1

Date	06 November 2022
Team ID	PNT2022TMID41255
Project Name	Analytics for Hospital Health-Care Data
Team Members	VINISHA S GUNA S DHURGA P SWARNAMBIGAI T

## SPRINT - 1

❖ DATA COLLECTION

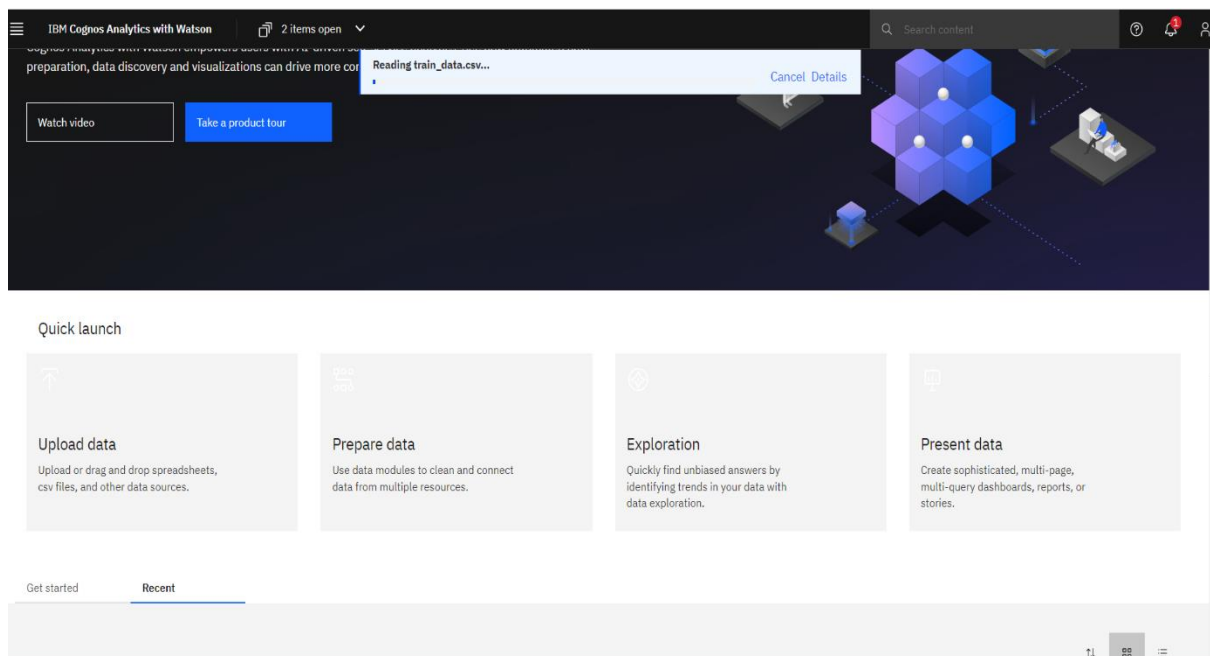
❖ DATA PREPARATION

**DATA COLLECTION:** Download the data set

**Dataset Link:**

[https://drive.google.com/drive/folders/1qozDgfVw04hGS8Di\\_SFhUNdUKUdjkhRT?usp=s\\_harin](https://drive.google.com/drive/folders/1qozDgfVw04hGS8Di_SFhUNdUKUdjkhRT?usp=s_harin)

**LOAD THE DATASET:**



DATA PREPARATION:

Select tablesx

Available sources

Q Search

Healthcare\_Data.zip

sample\_sub

test\_data

train\_data

train\_data\_dictionary

Row Id	case_id	Hospital_code	Hospital_type_code	City_Code_Hospital	Hospital_region_code	Av
1	318439	21	c	3	Z	
2	318440	29	a	4	X	
3	318441	26	b	2	Y	
4	318442	6	a	6	X	
5	318443	28	b	11	X	
6	318444	23	a	6	X	
7	318445	26	b	2	Y	
8	318446	25	e	1	X	
9	318447	23	a	6	X	
10	318448	23	a	6	X	
11	318449	10	e	1	X	
12	318450	4	a	4	X	

Previous

Cancel

OK

NULL VALUES CLEANING PROCESS:

Create calculationx

Name

Calculation name

Components

Q Search

train\_data

Row Id

case\_id

Hospital\_code

Hospit...\_code

City\_Co...spital

Hospit...\_code

Availabl...Hospital

Department

Ward\_Type

Ward\_...\_Code

Bed Grade

Expression

1 if(City\_Code\_Patient is missing)

2 then (median (City\_Code\_Patient))

3 else City\_Code\_Patient

Information

if ( condition ) then .... else ( expression ) , or case .... else ( expression ) end

Works with the if or case constructs. If the if condition or the case expression are not true, then the else expression is used. This function appears in the Top 10 Retailers for 2005 sample report in the GO Data Warehouse (analysis) package.

Calculate after aggregation

Cancel

OK

IBM Cognos Analytics with Watson

New data module

Search content

</

## PREPARED DATA LINK:

https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=1767109369\_0c84c2305c2349c6b08061dae32521d8\_sessionTemp&objRef=&tid=1767109369\_0c84c2305c2349c6b08061dae32521d8\_sessionTemp