

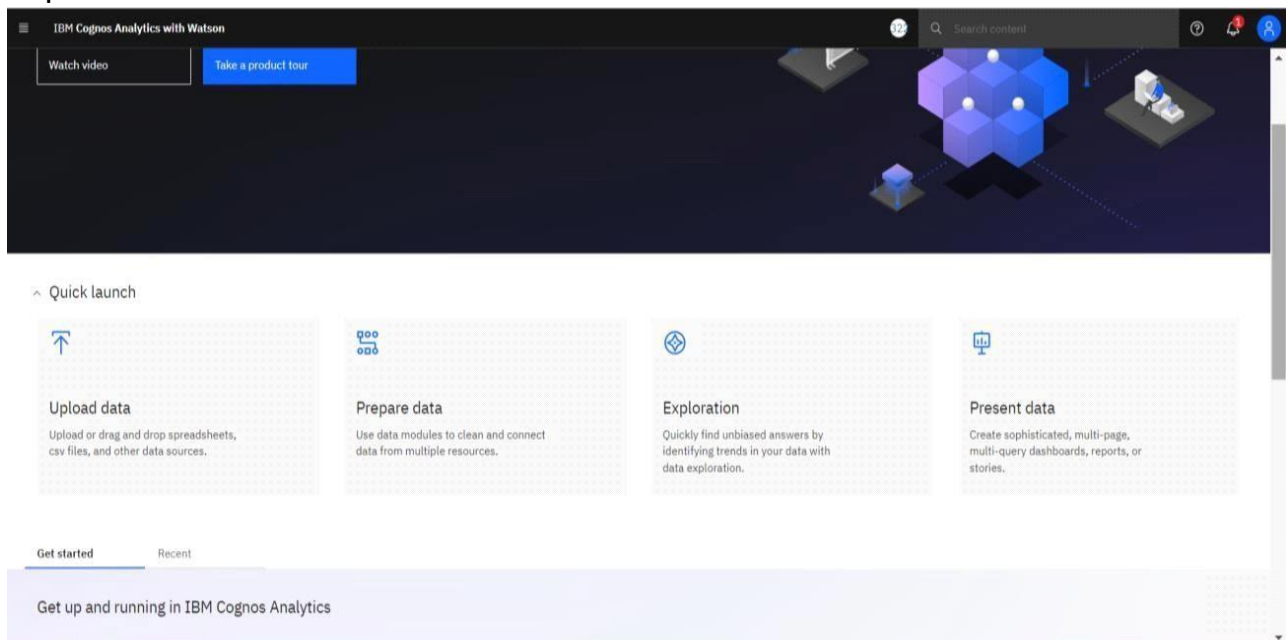
PROJECT DEVELOPMENT PHASE

SPRINT-2

Date	17 NOVEMBER 2022
Team ID	PNT2022TMID27954
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Team Leader	Tejavii D
Team Members	Swathi R Swetha S RamyaRajani G

DATA PREPARATION

Upload the data



Prepare the dataset

IBM Cognos Analytics with Watson

Content

30

Search content

Content

New

+

My content

Team content

Samples

50_startups.csv

Last Accessed 9/18/2022, 11:44 AM

CSV

↑

Heart_Disease_Prediction.csv

Last Accessed 11/16/2022, 11:51 PM

CSV

↑

IPL Ball-by-Ball 2008-2020.csv

Last Accessed 9/19/2022, 3:56 AM

CSV

↑

IPL Matches 2008-2020.csv

Last Accessed 9/19/2022, 3:56 AM

CSV

↑

New data module

Last Accessed 9/18/2022, 1:31 AM

go to top

Pharma_Monthly_Sales (1).csv

Last Accessed 9/27/2022, 8:42 AM

CSV

↑

sales.csv

Last Accessed 9/18/2022, 10:56 AM

CSV

↑

Select the dataset

- First understand and load the data.



- Since there is only single file, there need not be relationships or custom tables for the data.

The screenshot shows the 'Heart_Disease_Prediction.csv' dataset loaded into a dashboard. The left sidebar shows the 'Selected sources' and a list of fields. The main area displays a table of data.

Age	Sex	Chest pain type	BP	Cholesterol	FBS over 120	EKG results	Max HR
56	1	3	130	256	1	2	142
59	1	4	110	239	0	2	142
60	1	4	140	293	0	2	170
63	0	4	150	407	0	2	154
59	1	4	135	234	0	0	161
53	1	4	142	226	0	2	111
44	1	3	140	235	0	2	180
61	1	1	134	234	0	0	145
57	0	4	128	303	0	2	159
71	0	4	112	149	0	0	125
46	1	4	140	311	0	0	120
53	1	4	140	203	1	2	155
64	1	1	110	211	0	2	144
40	1	1	140	199	0	0	178

- To Prepare the data, we need to verify it is clean. There must be no null values. If there are null values, there will be empty data.

IBM Cognos Analytics with Watson

* New dashboard

Search content

Analytics Filters Fields Properties

Selected sources /

Heart_Disease_Prediction.csv

Navigation paths

Heart_Disease_Prediction.csv

Age

Sex

Chest pain type

BP

Cholesterol

FBS over 120

EKG results

Max HR

Exercise angina

ST depression

Slope of ST

Number of vessels fluro

Thallium

Heart Disease

Heart_Disease_Prediction.csv

Age	Sex	Chest pain type	BP	Cholesterol	FBS over 120	EKG results	Max HR
56	1	3		256	1	2	142
59	1	4		239	0	2	142
60	1	4		293	0	2	170
63	0	4		407	0	2	154
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- Once cleaned, the data is saved.