

Working With Dataset

Understanding The Dataset

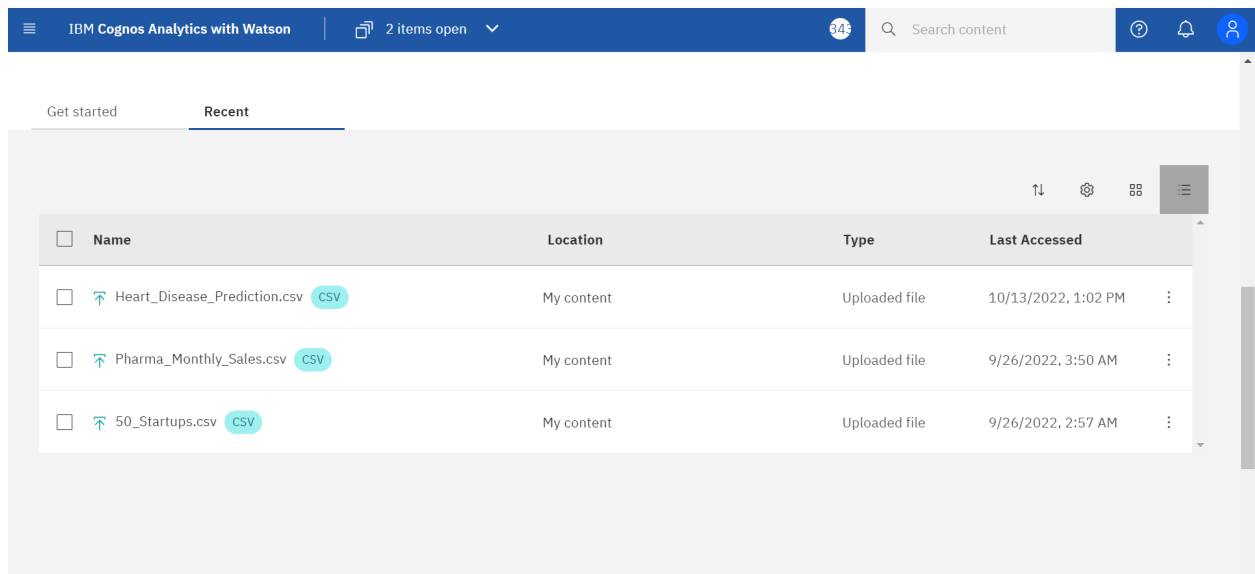
This database contains of 14 fields. The "goal" field refers to the presence of heart disease in the patient. It is integer valued from 0 (no presence) to 4.

1	Age	Sex	Chest pain BP	Cholesterol	FBS over 120	EKG result	Max HR	Exercise angina	ST depression	Slope of ST	Number of vessels	Thallium	Heart Disease
2	70	1	4	130	322	0	2	109	0	2.4	2	3	3 Presence
3	67	0	3	115	564	0	2	160	0	1.6	2	0	7 Absence
4	57	1	2	124	261	0	0	141	0	0.3	1	0	7 Presence
5	64	1	4	128	263	0	0	105	1	0.2	2	1	7 Absence
6	74	0	2	120	269	0	2	121	1	0.2	1	1	3 Absence
7	65	1	4	120	177	0	0	140	0	0.4	1	0	7 Absence
8	56	1	3	130	256	1	2	142	1	0.6	2	1	6 Presence
9	59	1	4	110	239	0	2	142	1	1.2	2	1	7 Presence
10	60	1	4	140	293	0	2	170	0	1.2	2	2	7 Presence
11	63	0	4	150	407	0	2	154	0	4	2	3	7 Presence
12	59	1	4	135	234	0	0	161	0	0.5	2	0	7 Absence
13	53	1	4	142	226	0	2	111	1	0	1	0	7 Absence
14	44	1	3	140	235	0	2	180	0	0	1	0	3 Absence
15	61	1	1	134	234	0	0	145	0	2.6	2	2	3 Presence
16	57	0	4	128	303	0	2	159	0	0	1	1	3 Absence
17	71	0	4	112	149	0	0	125	0	1.6	2	0	3 Absence
18	46	1	4	140	311	0	0	120	1	1.8	2	2	7 Presence
19	53	1	4	140	203	1	2	155	1	3.1	3	0	7 Presence
20	64	1	1	110	211	0	2	144	1	1.8	2	0	3 Absence
21	40	1	1	140	199	0	0	178	1	1.4	1	0	7 Absence

Sno Field Name

1	Age
2	Sex
3	Chest pain type
4	BP
5	Cholesterol
6	FBS over 120
7	EKG results
8	Max HR
9	Exercise angina
10	ST depression
11	Slope of ST
12	Number of vessels fluro
13	Thallium
14	Heart Disease

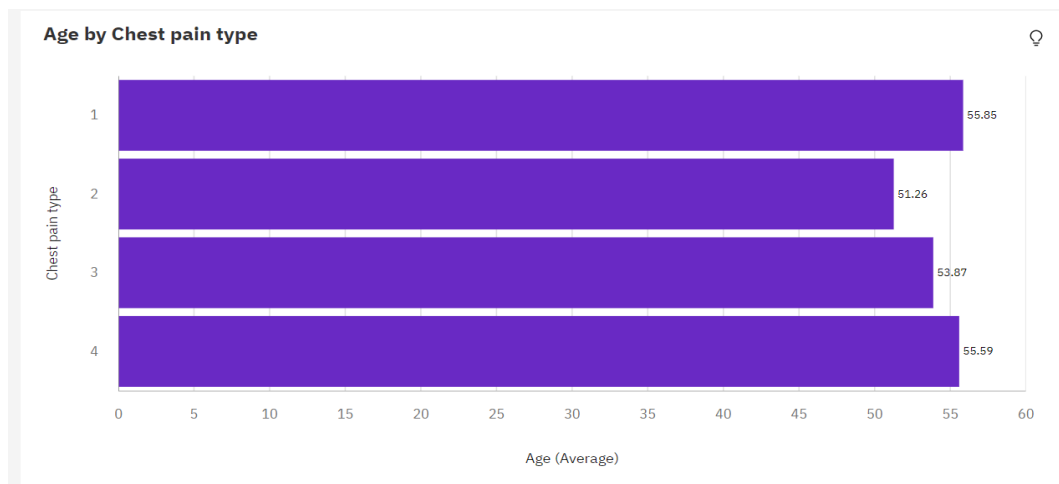
Loading The Dataset



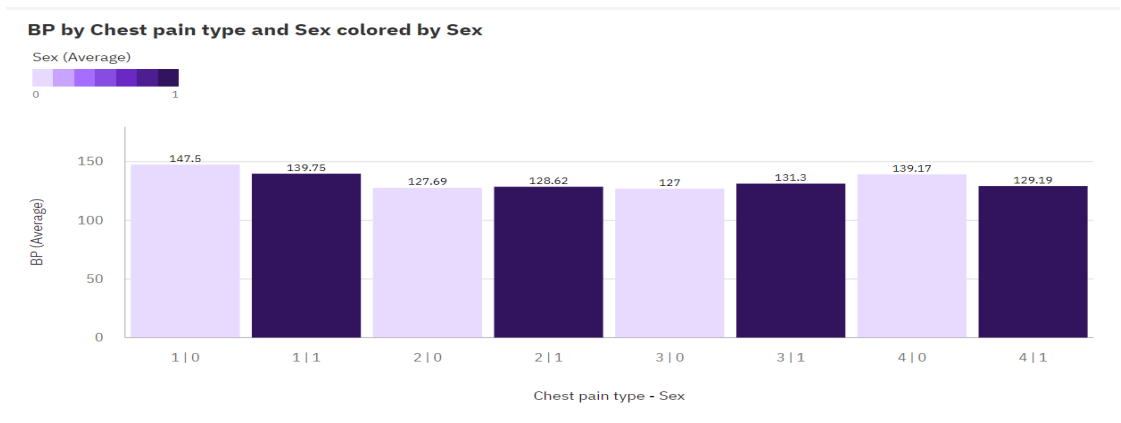
The screenshot shows the IBM Cognos Analytics interface. The top navigation bar includes the logo, a search bar, and a user profile icon. Below the navigation bar, there are tabs for 'Get started' and 'Recent'. The 'Recent' tab is active, displaying a table of recently accessed files. The table has columns for 'Name', 'Location', 'Type', and 'Last Accessed'. Three CSV files are listed: 'Heart_Disease_Prediction.csv', 'Pharma_Monthly_Sales.csv', and '50_Startups.csv'. Each file is marked as 'Uploaded file' and is located in 'My content'. The 'Last Accessed' times are 10/13/2022, 1:02 PM; 9/26/2022, 3:50 AM; and 9/26/2022, 2:57 AM, respectively.

<input type="checkbox"/>	Name	Location	Type	Last Accessed
<input type="checkbox"/>	Heart_Disease_Prediction.csv CSV	My content	Uploaded file	10/13/2022, 1:02 PM
<input type="checkbox"/>	Pharma_Monthly_Sales.csv CSV	My content	Uploaded file	9/26/2022, 3:50 AM
<input type="checkbox"/>	50_Startups.csv CSV	My content	Uploaded file	9/26/2022, 2:57 AM

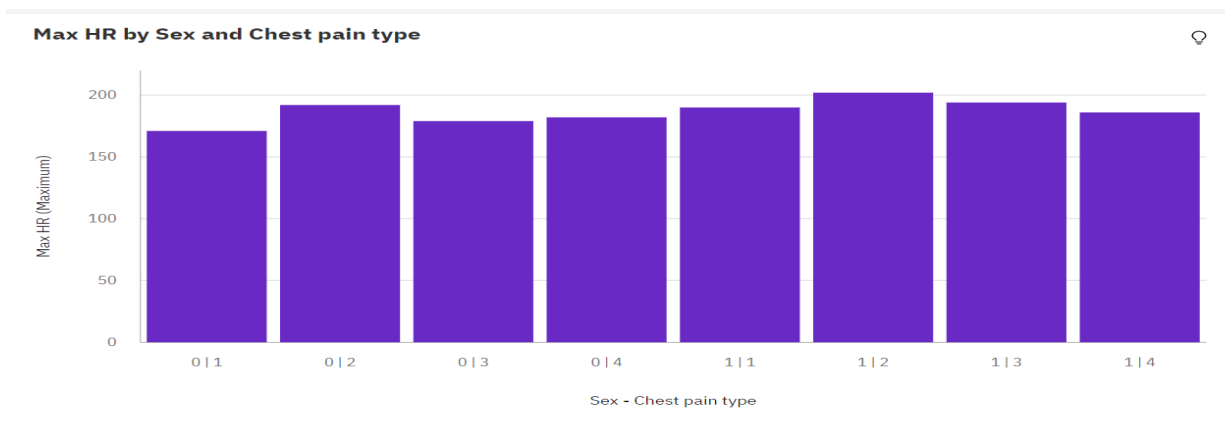
1.) Exploration Of Data



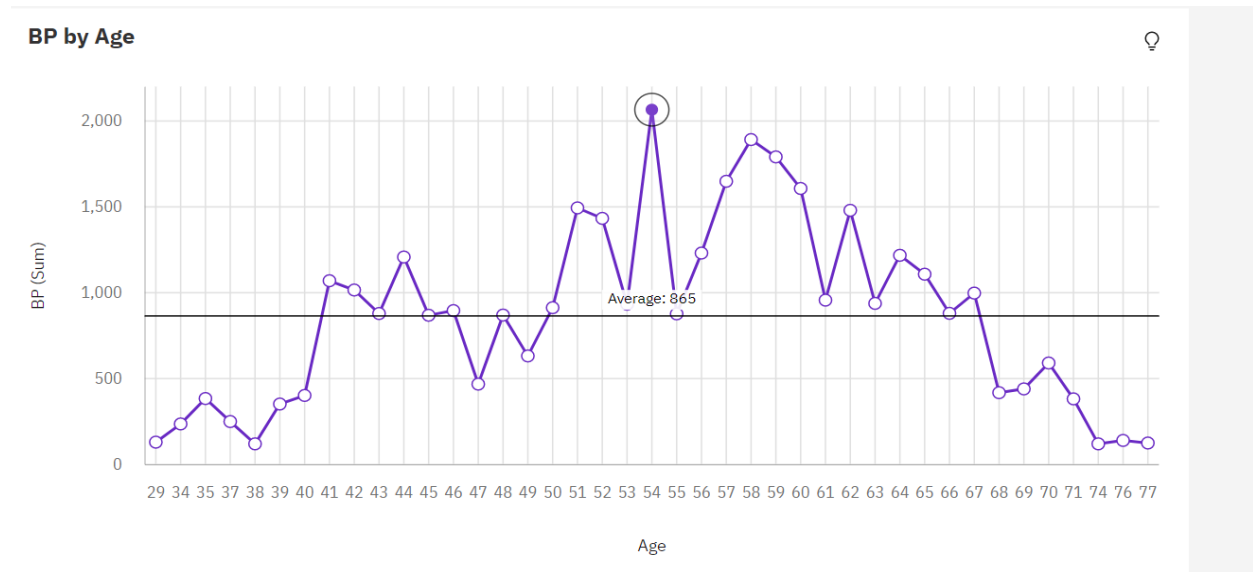
2.) Exploration Of BPvsChestPainType And Gender



3.) Exploration Of Max Heart Rate During The Chest Pain



4.) Exploration Of BP by Age



5.) Exploration Of Cholesterol By Age And Gender

Cholesterol by Age colored by Sex



Sex
0 1

