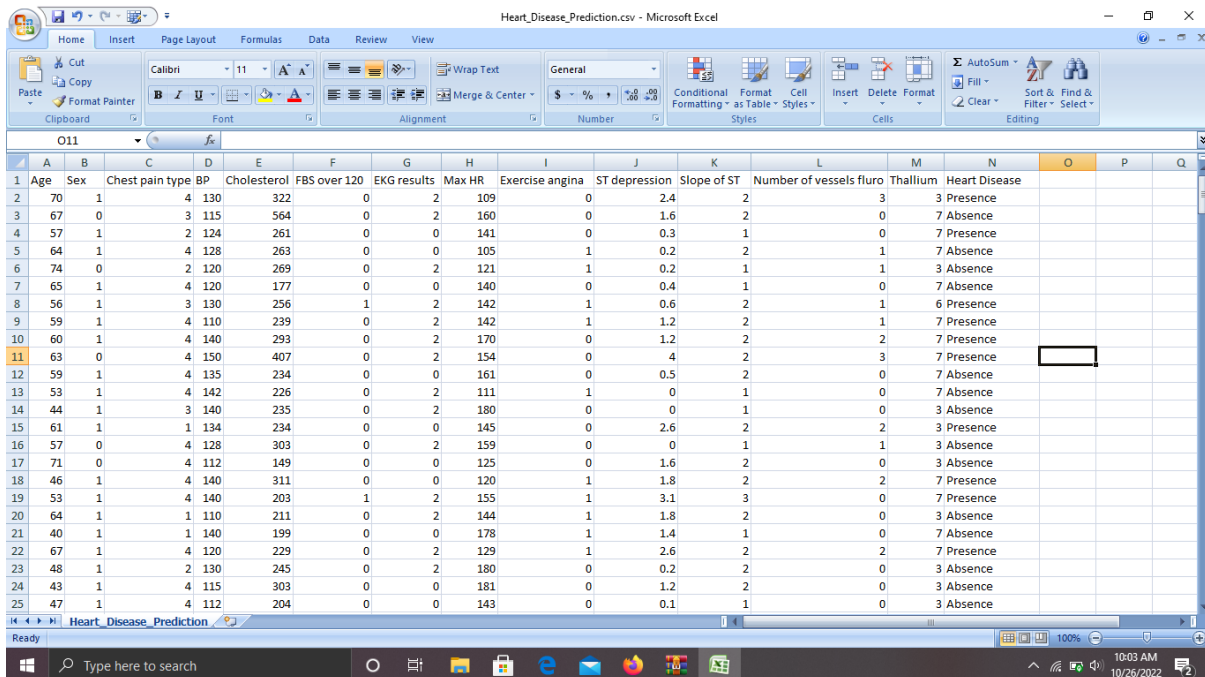


LOADING THE DATASET

Team ID	PNT2022TMID20641
ProjectName	Visualizing and Predicting Heart Diseases with an Interactive Dash Board

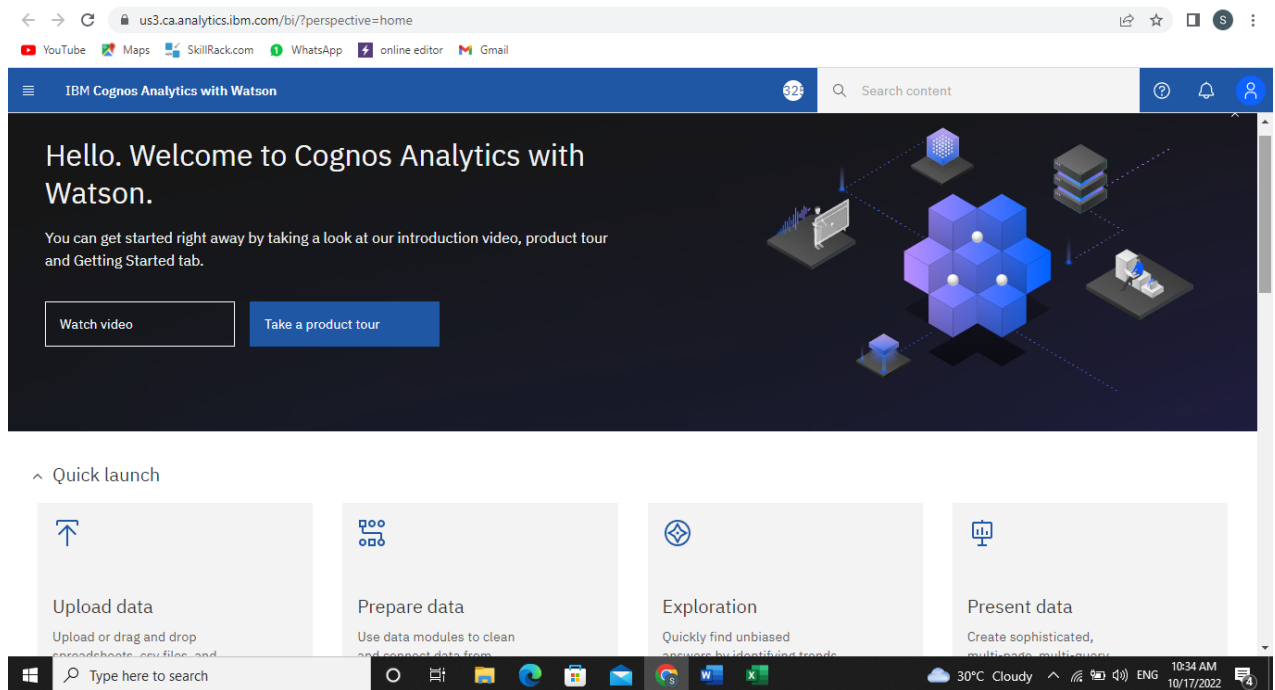
You must connect your data to IBM Cognos before you can create a view and perform any analysis. Cognos allows users to connect to a wide range of data that is kept in various locations.

Dataset:

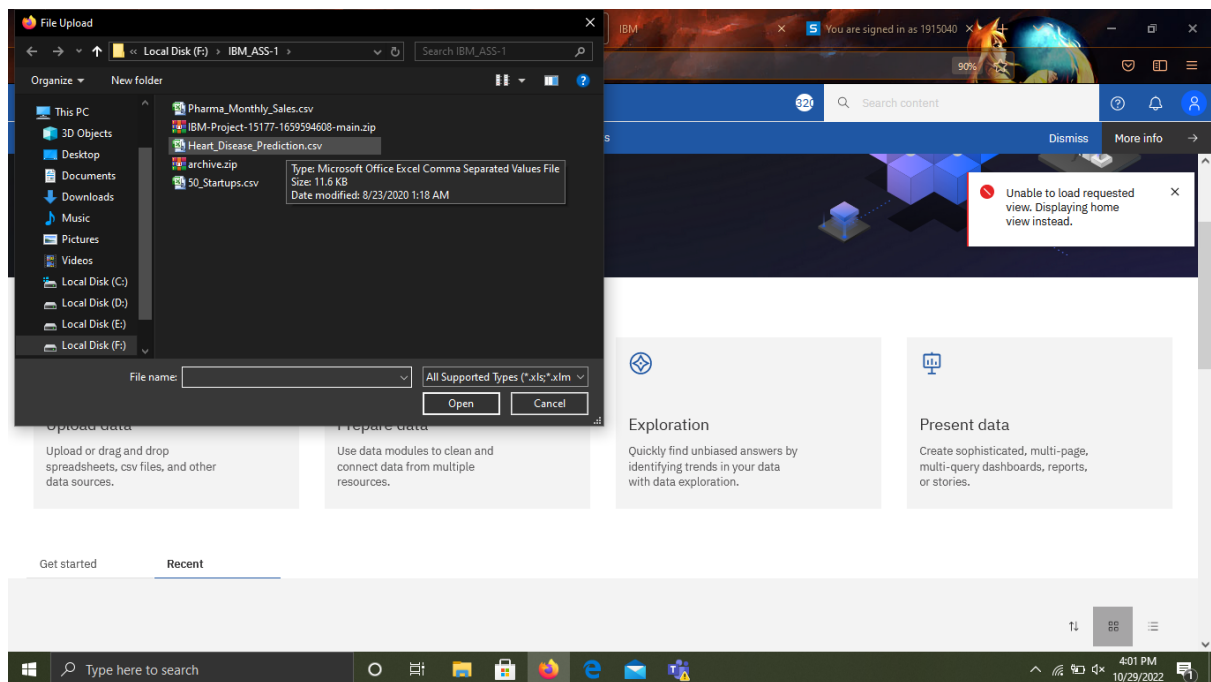


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	Age	Sex	Chest pain type	BP	Cholesterol	FBS over 120	EKG results	Max HR	Exercise angina	ST depression	Slope of ST	Number of vessels fluro	Thallium	Heart Disease			
1	70	1	4	130	322	0	2	109	0	2.4	2	3	3	Presence			
2	67	0	3	115	564	0	2	160	0	1.6	2	0	7	Absence			
3	57	1	2	124	261	0	0	141	0	0.3	1	0	7	Presence			
4	64	1	4	128	263	0	0	105	1	0.2	2	1	7	Absence			
5	74	0	2	120	269	0	2	121	1	0.2	1	1	3	Absence			
6	65	1	4	120	177	0	0	140	0	0.4	1	0	7	Absence			
7	56	1	3	130	256	1	2	142	1	0.6	2	1	6	Presence			
8	59	1	4	110	239	0	2	142	1	1.2	2	1	7	Presence			
9	60	1	4	140	293	0	2	170	0	1.2	2	2	7	Presence			
10	63	0	4	150	407	0	2	154	0	4	2	3	7	Presence			
11	59	1	4	135	234	0	0	161	0	0.5	2	0	7	Absence			
12	53	1	4	142	226	0	2	111	1	0	1	0	7	Absence			
13	44	1	3	140	235	0	2	180	0	0	1	0	3	Absence			
14	61	1	1	134	234	0	0	145	0	2.6	2	2	3	Presence			
15	57	0	4	128	303	0	2	159	0	0	1	1	3	Absence			
16	71	0	4	112	149	0	0	125	0	1.6	2	0	3	Absence			
17	46	1	4	140	311	0	0	120	1	1.8	2	2	7	Presence			
18	53	1	4	140	203	1	2	155	1	3.1	3	0	7	Presence			
19	64	1	1	110	211	0	2	144	1	1.8	2	0	3	Absence			
20	40	1	1	140	199	0	0	178	1	1.4	1	0	7	Absence			
21	67	1	4	120	229	0	2	129	1	2.6	2	2	7	Presence			
22	48	1	2	130	245	0	2	180	0	0.2	2	0	3	Absence			
23	43	1	4	115	303	0	0	181	0	1.2	2	0	3	Absence			
24	47	1	4	112	204	0	0	143	0	0.1	1	0	3	Absence			

IBM COGNOS:



Uploading the dataset:



IBM Cognos Analytics with Watson

920

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M.Sales

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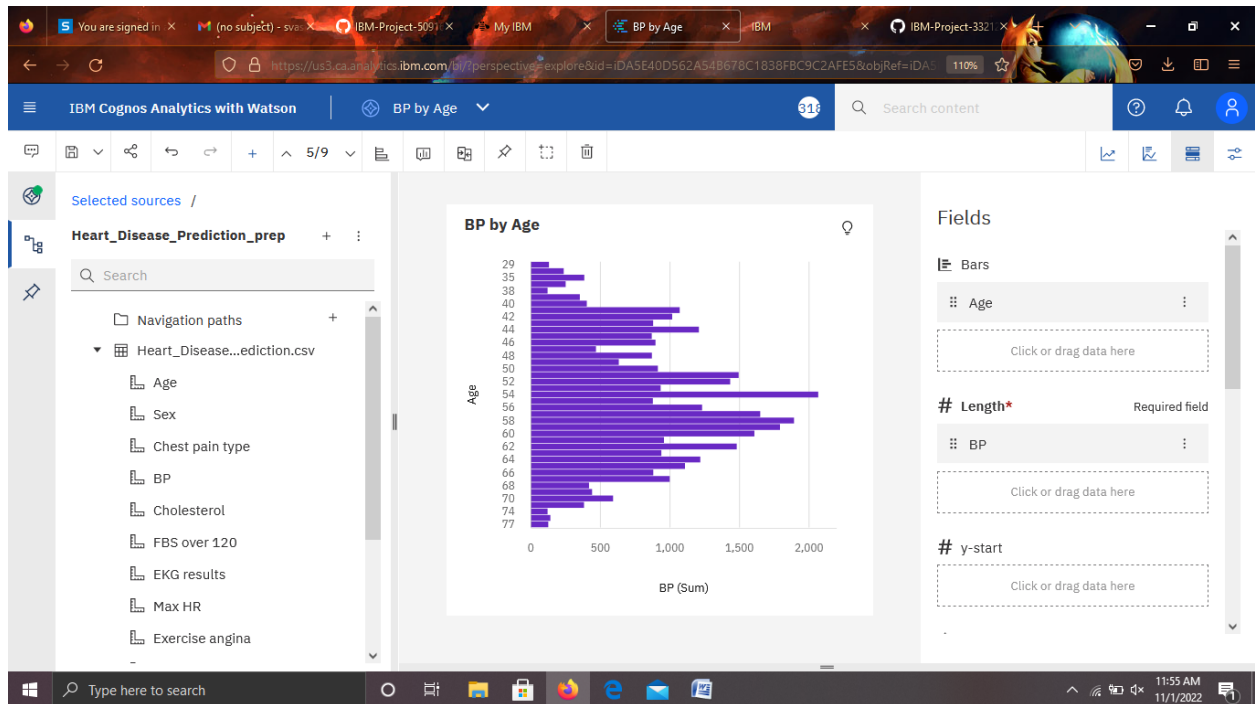
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Exploration of BP By Age

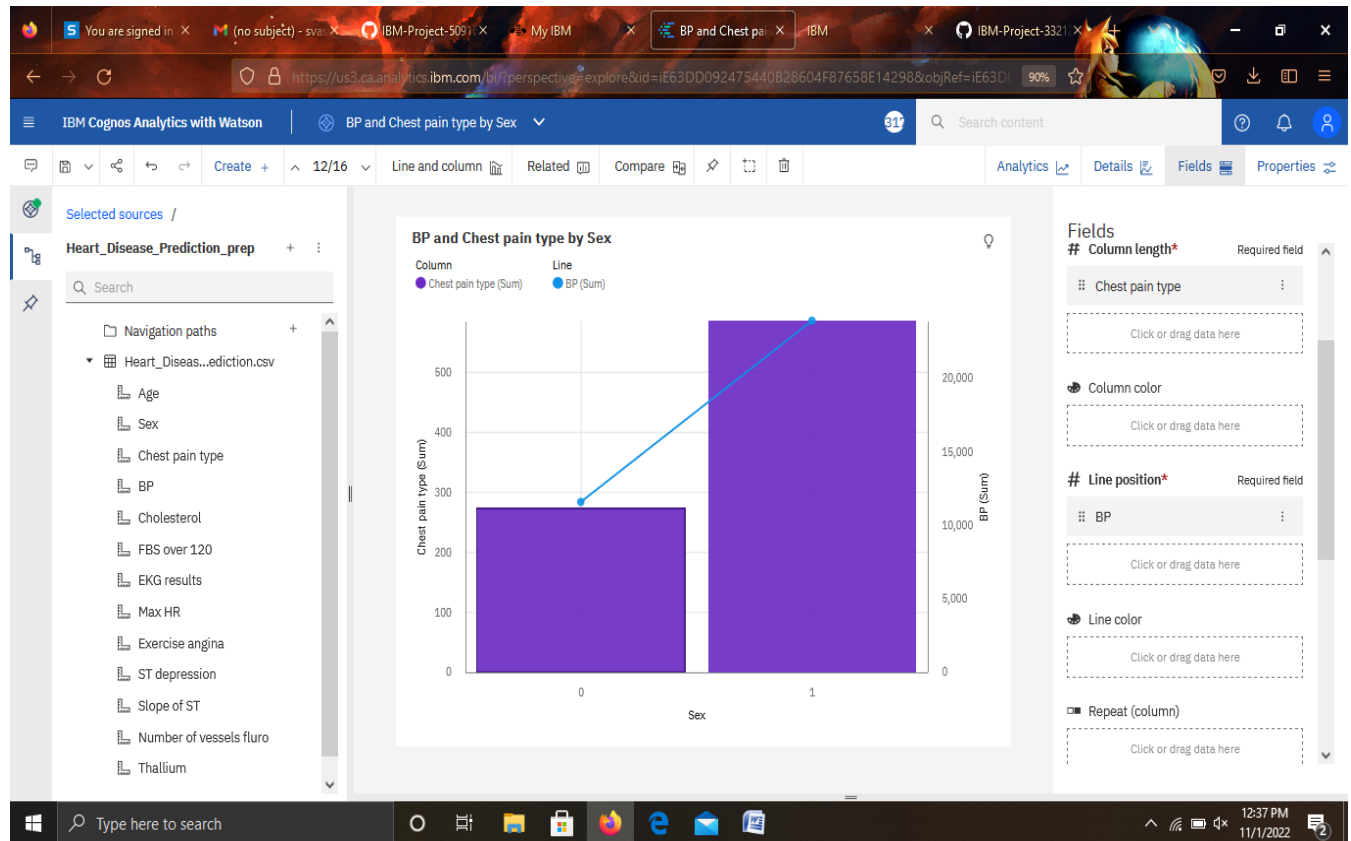
BP by Age:



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Exploration of bp vs chestpain type and gender

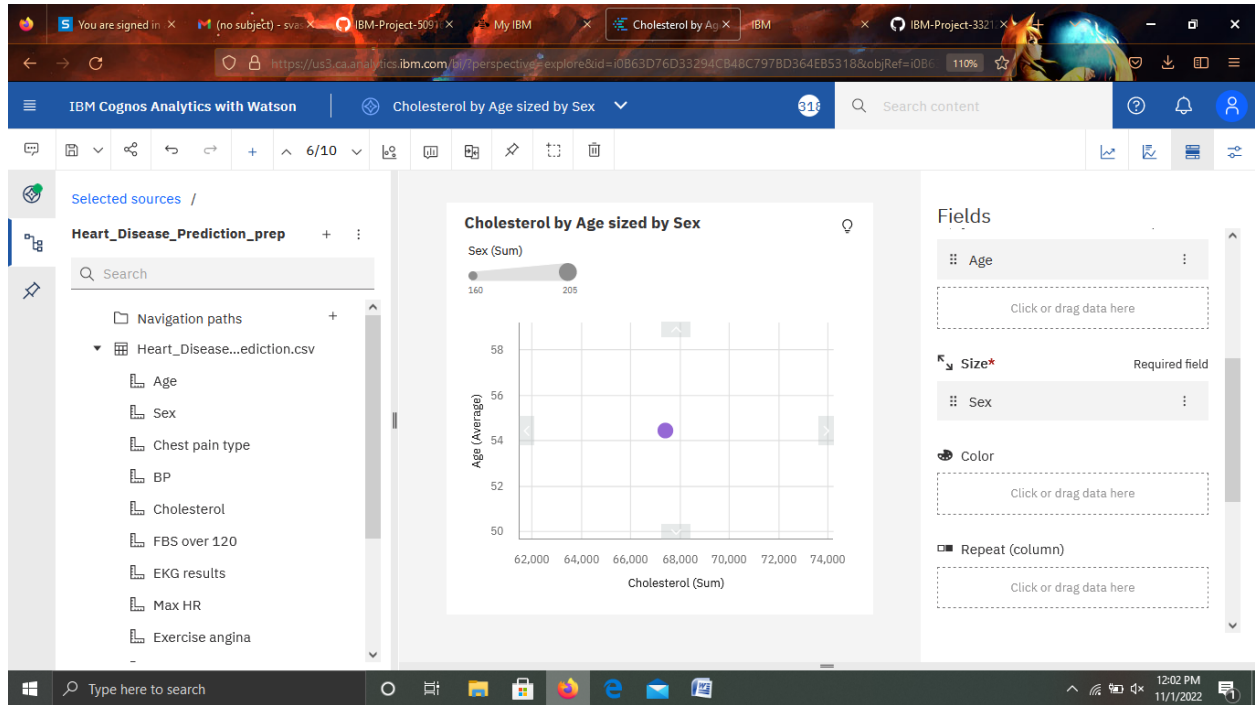
BP and Chest pain type by Sex:



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Exploration Of Cholesterol By Age And Gender

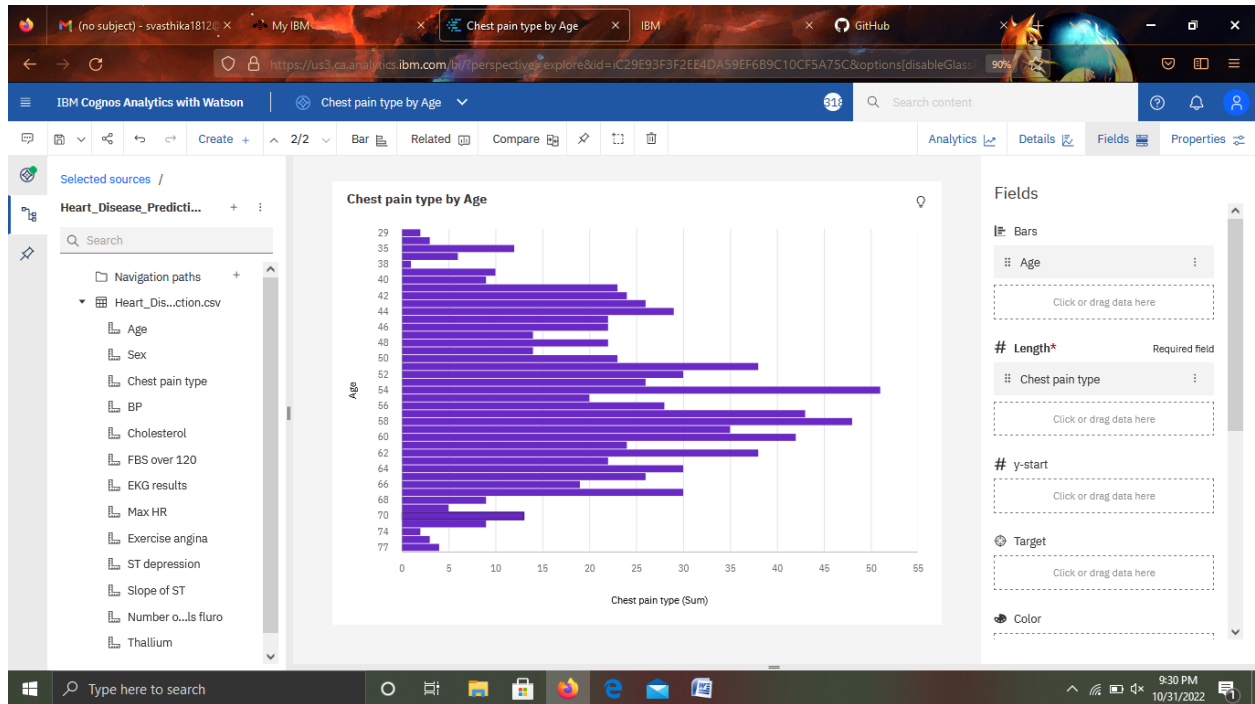
Cholesterol by Age sized by Sex:



https://us3.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2FCholesterol%2Bby%2BAge%2B sized%2Bby%2B Sex&subView=model0000018431e11fb7_00000004

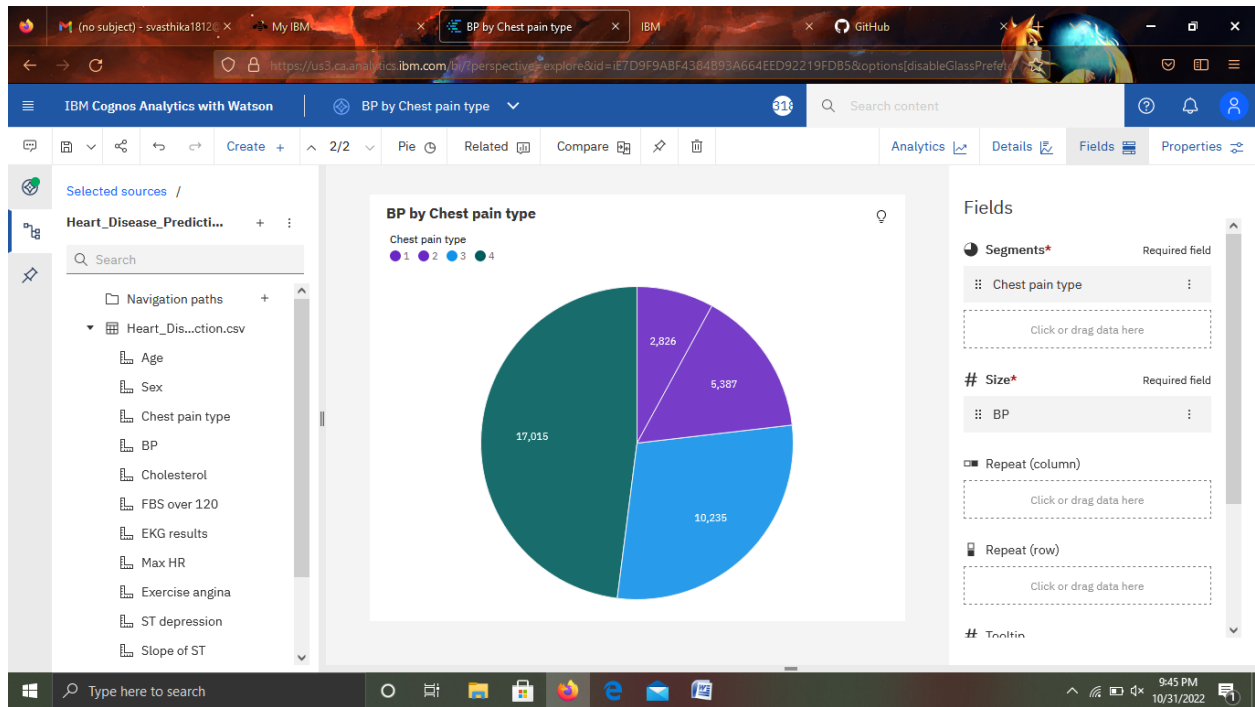
Exploration of Data

Chest pain type by Age:



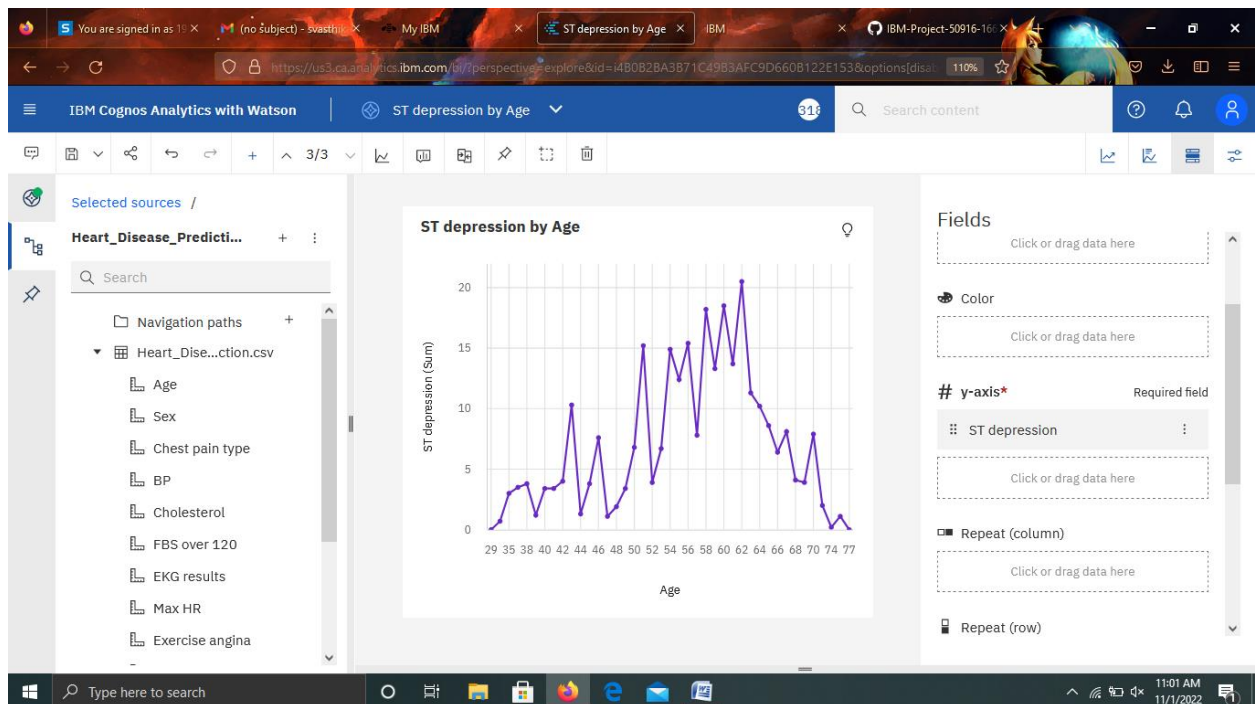
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BP by Chest pain type:



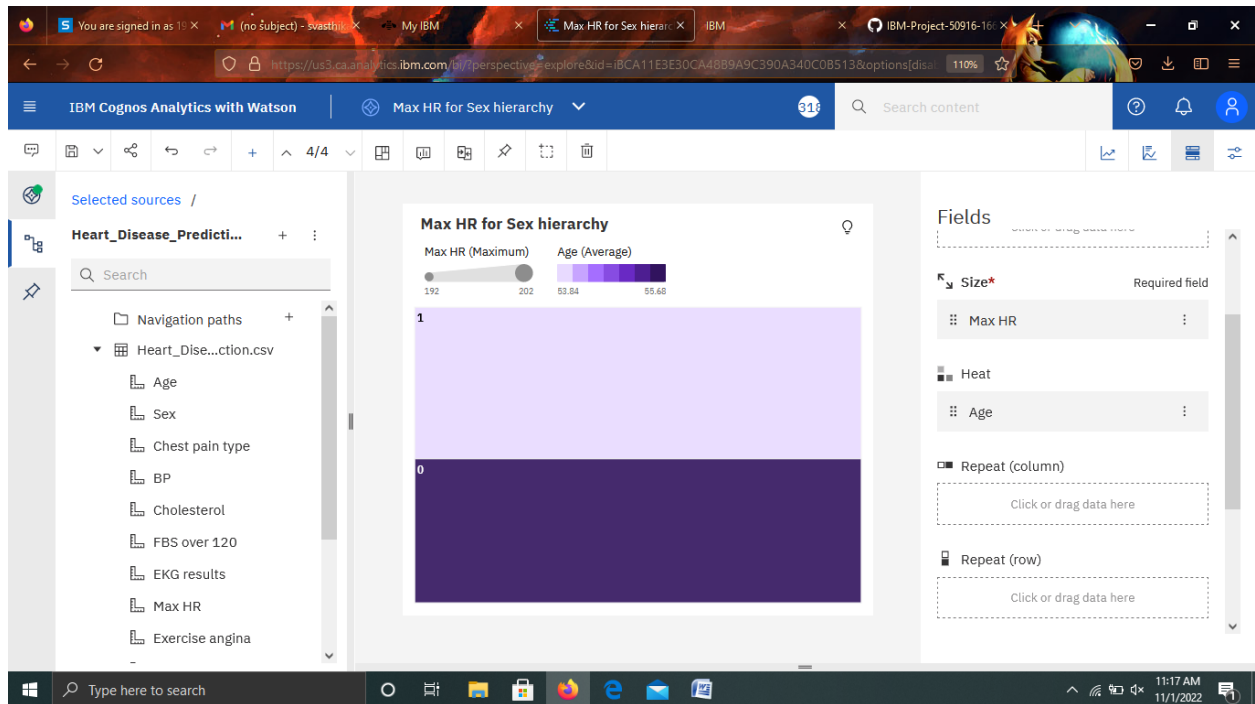
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ST depression by Age:



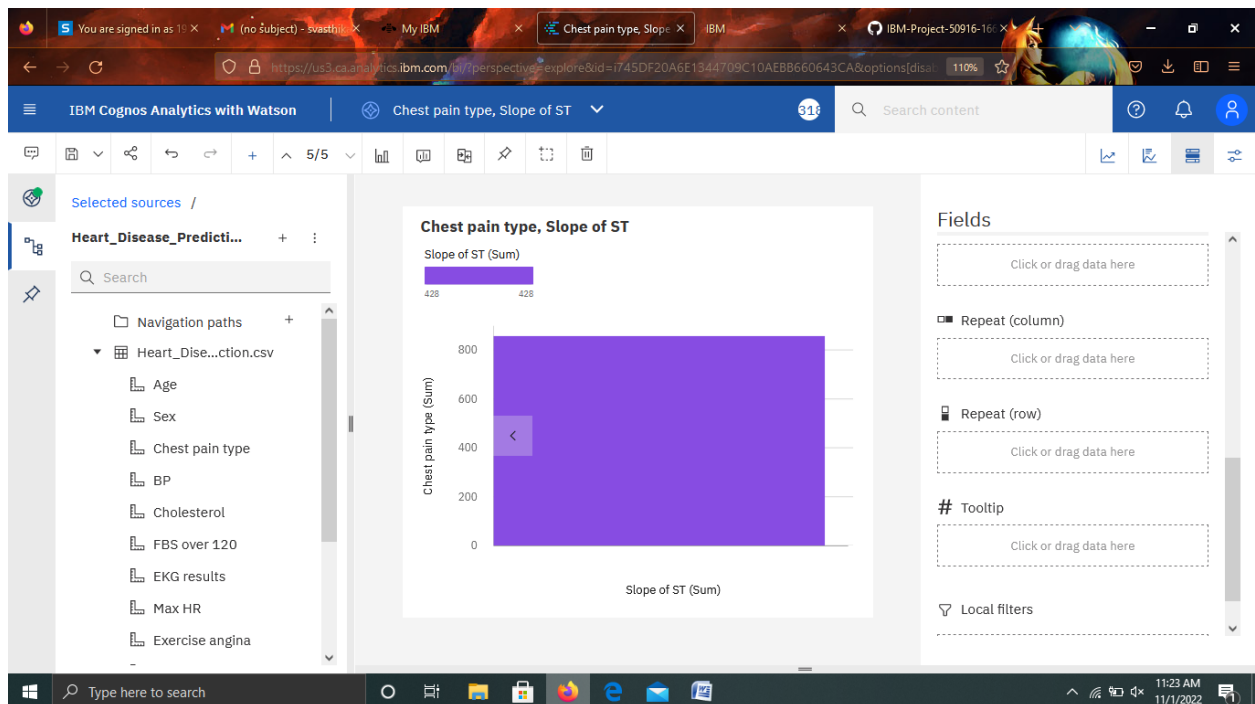
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Max HR for Sex hierarchy:



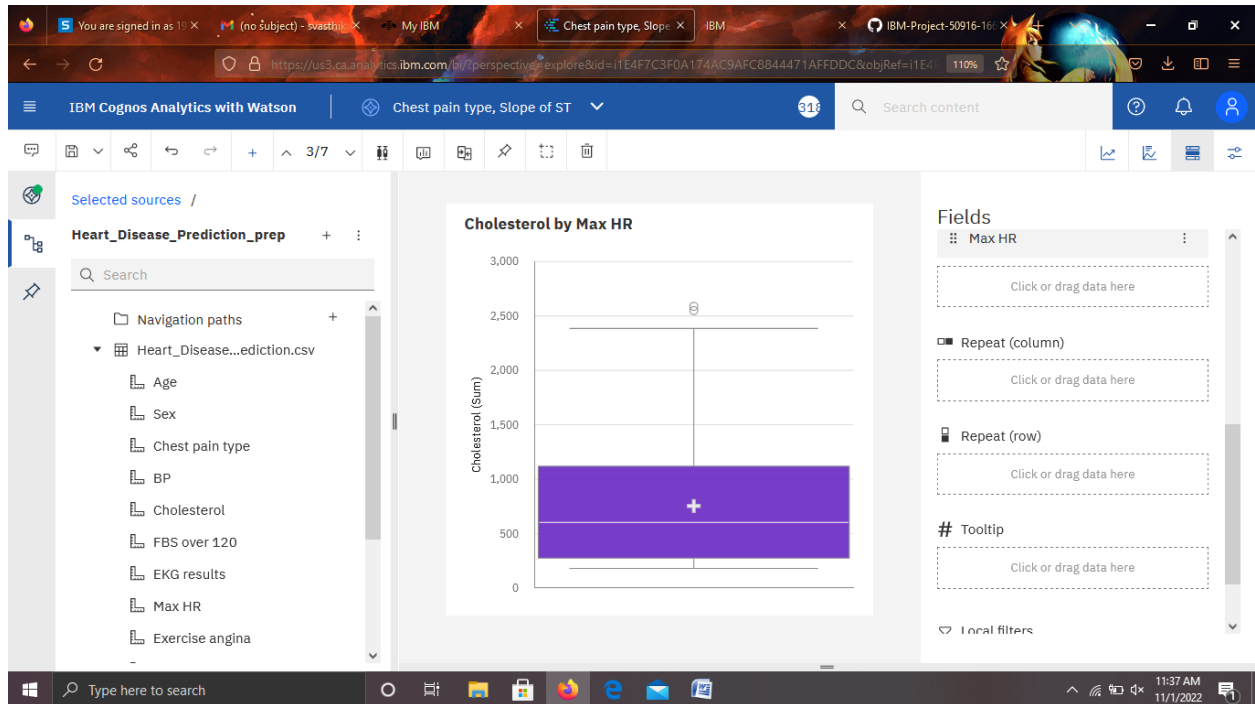
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Chest pain type, Slope of ST:



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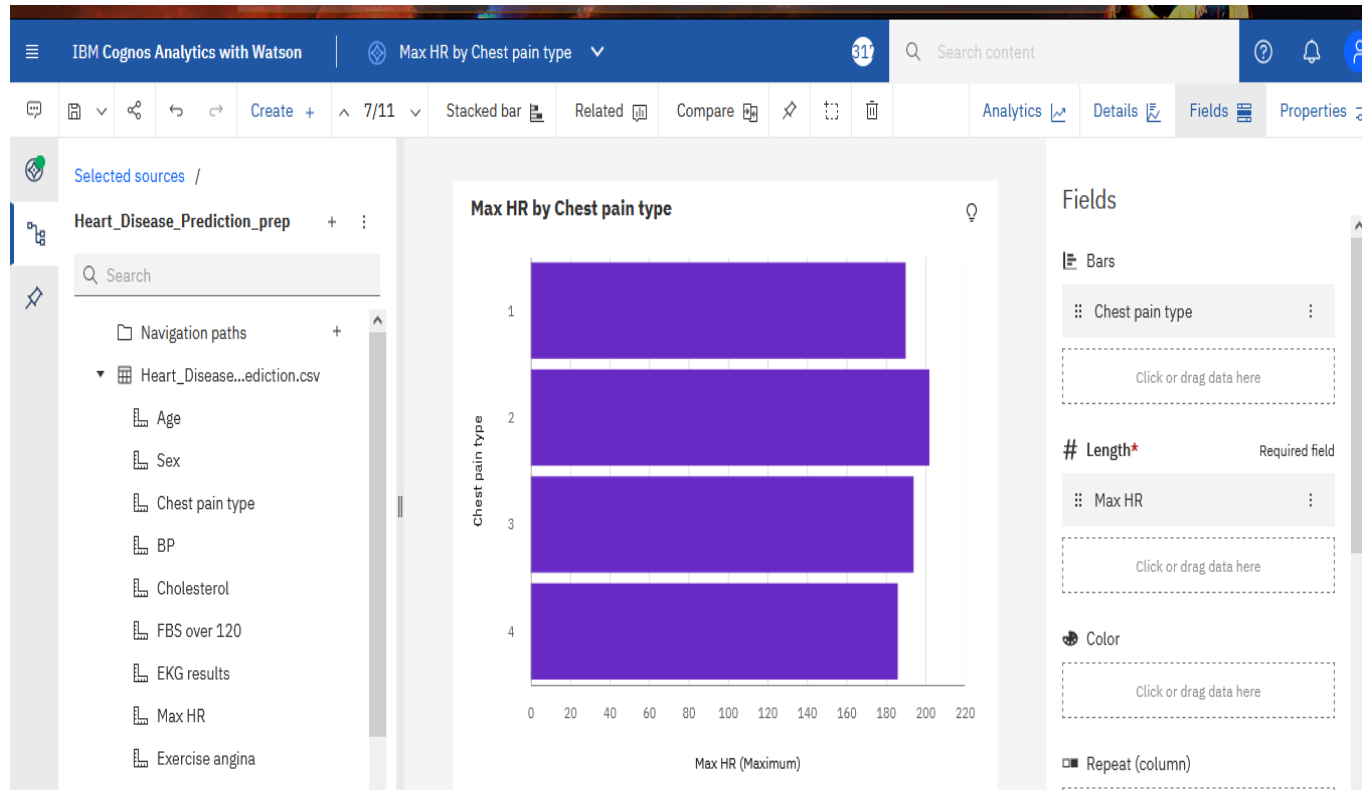
Cholesterol by Max HR:



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Exploration Of Max Heart Rate During The Chest Pain

Max HR by Chest pain type:



https://us3.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2FMax%2BHR%2Bby%2BChest%2Bpain%2Btype&subView=model0000018431e699f8_00000000