

Sprint -1

USN-1

Downloading dataset from Kaggle:

The screenshot shows the Kaggle dataset page for 'Heart Disease Prediction' by Rishi Damarla. The page includes a search bar, a sidebar with navigation options, and a main content area with the dataset title, description, and a 'Download (3 kB)' button. A notification about account verification is also present.

Heart Disease Prediction
Predicting probability of heart disease in patients.

About Dataset

Context: The leading cause of death in the developed world is heart disease. Therefore there needs to be ways to reduce the risks of having a heart attack or stroke.

Content: Use this dataset to predict which patients are most likely to suffer from a heart disease in the near future.

Acknowledgement: This data comes from the University of California Irvine's Machine Learning Repository at <https://archive.ics.uci.edu/ml/datasets/Heart+Disease>.

Your account is unverified
Phone verifying your account will unlock many features on Kaggle. We use phone verification to reduce spam and fraud on the platform.
☐ Don't ask me to update my profile again.
Dismiss **Verify Your Account**

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Heart Disease Prediction

Data Code (15) Discussion (0)

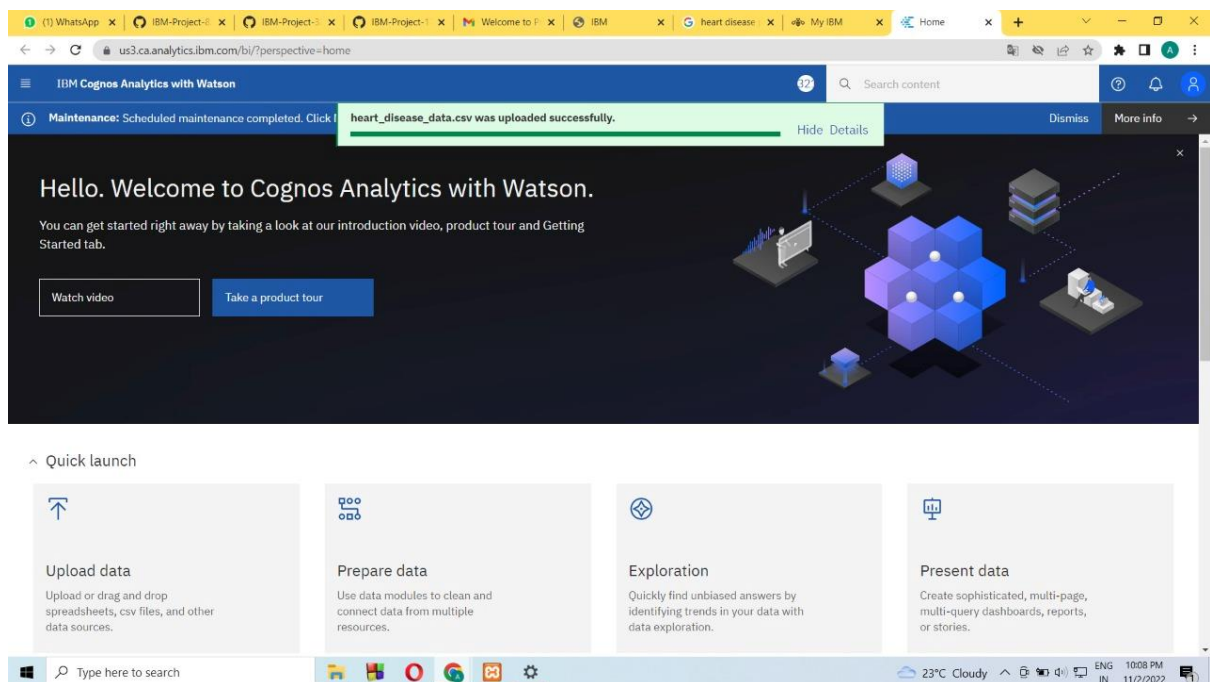
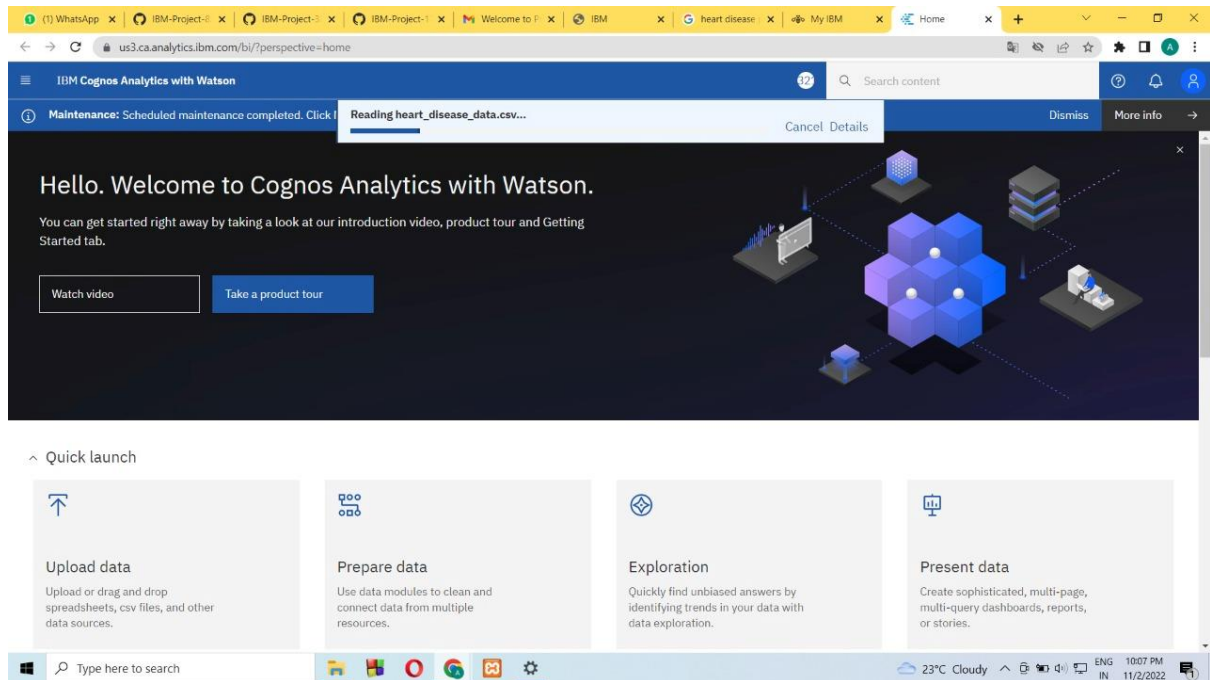
94 New Notebook Download (3 kB)

The dataset consists of 94 rows of data that can be used to predict which patients have a high risk of heart disease.

# Age	# Sex	# Chest pain type	# BP	# Cholesterol	# Fasting blood sugar
29	0	1	94	126	0
70	1	4	130	322	0
67	0	3	115	564	0
57	1	2	124	261	0
64	1	4	128	263	0
74	0	2	120	269	0
65	1	4	120	177	0
56	1	3	130	256	1
59	1	4	110	239	0
60	1	4	140	293	0
63	0	4	150	407	0
59	1	4	135	234	0

Summary
1 file
14 columns

Uploading the dataset to IBM Cognos Analytics:



USN-2:

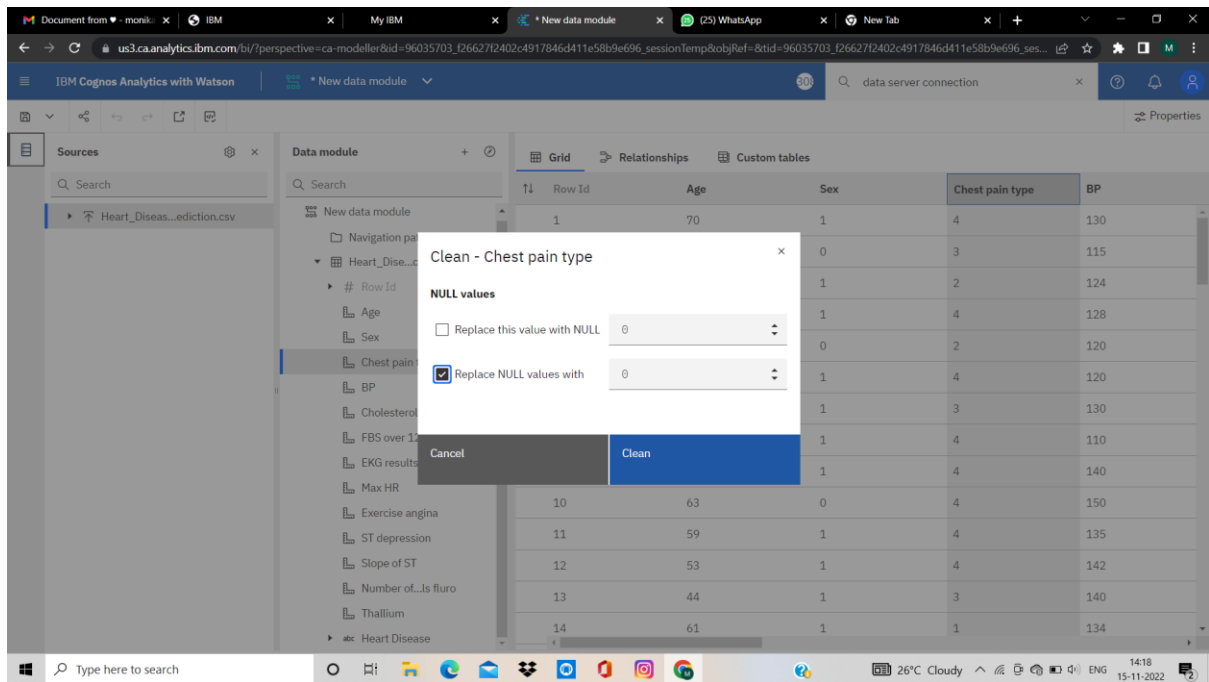
Data cleaning and Data processing using Cognos Analytics:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Sources' pane lists 'Heart_Diseas...ediction.csv'. The 'Data module' pane shows a tree structure with 'Heart_Dise...ction.csv' expanded, listing fields like Row Id, Age, Sex, Chest pain type, BP, Cholesterol, FBS over 120, EKG results, Max HR, Exercise angina, ST depression, Slope of ST, Number of...ls fluoro, and Thallium. The main grid displays a table with 14 rows and 5 columns: Row Id, Age, Sex, Chest pain type, and Heart Disease. A context menu is open over the 'Heart Disease' column, showing options: Filter..., Create calculation..., Create data group..., Hide from users, Remove, Format data..., Clean..., Sort descending, Sort ascending, and Properties. The 'Clean...' option is highlighted.

Row Id	Age	Sex	Chest pain type	Heart Disease
1	70	1	4	140
2	67	0	3	150
3	57	1	2	135
4	64	1	4	142
5	74	0	2	140
6	65	1	4	134
7	56	1	3	
8	59	1	4	
9	60	1	4	
10	63	0	4	
11	59	1	4	
12	53	1	4	
13	44	1	3	
14	61	1	1	

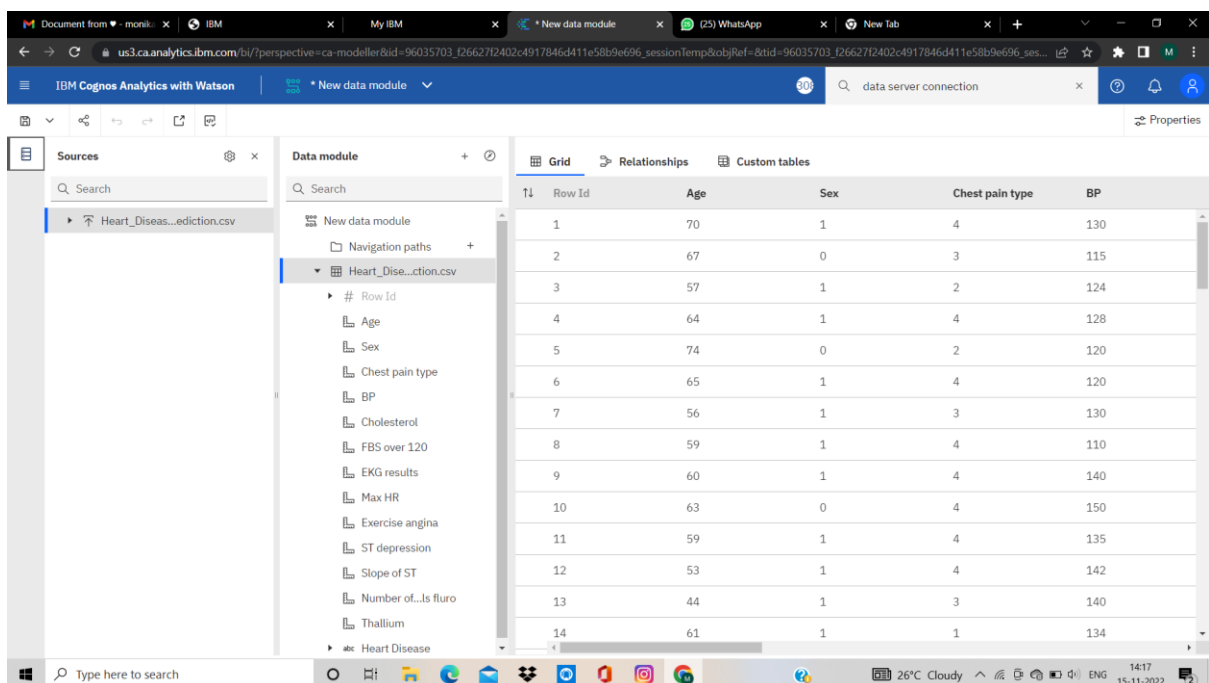
The screenshot shows the same IBM Cognos Analytics interface, but with the 'Clean - Heart Disease' dialog box open. The dialog has sections for 'Whitespace' (Trim leading and trailing whitespace), 'Convert case to' (UPPERCASE, lowercase, Do not change), 'Return a substring of characters' (Start, Length), 'Preview' (This is a preview), and 'NULL values' (Replace this value with NULL, Replace NULL values with). The 'Clean' button is highlighted.

Heart Disease
Presence
Absence
Presence
Absence
Absence
Presence
Presence
Presence
Presence
Presence
Absence
Absence
Absence
Presence



USN-3:

Creating the data module using Cognos Analytics:



Document from moni... x IBM x My IBM x * New data module x (25) WhatsApp x New Tab x

us3.ca.analytics.ibm.com/bl/?perspective=ca-modeller&id=96035703_f26627f2402c4917846d411e58b9e696_sessionTemp&objRef=8&id=96035703_f26627f2402c4917846d411e58b9e696_ses...

IBM Cognos Analytics with Watson New data module data server connection Properties

Data module +

Search

New data module

- Navigation paths +
- Heart_Dise...ction.csv
 - # Row Id
 - Age
 - Sex
 - Chest pain type
 - BP
 - Cholesterol
 - FBS over 120
 - EKG results
 - Max HR
 - Exercise angina
 - ST depression
 - Slope of ST
 - Number of...is fluoro
 - Thallium
- Heart Disease

Grid Relationships Custom tables

Heart_Dise...ction.csv

Diagram settings

- Cardinality
- Focus mode

Degrees of separation: 1

1 00

Type here to search

26°C Cloudy 14:20 15-11-2022