

ANALYTICS FOR HOSPITAL'S HEALTH-CARE DATA

Project Development Phase

Sprint-1

Data Collection

IBM Cognos Analytics with Watson

1 item open

29%

test_data.csv was uploaded successfully.


Hide Details

Hello. Welcome to Cognos Analytics with Watson.


You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

Watch video

Take a product tour




^ Quick launch



Upload data

Upload or drag and drop spreadsheets, csv files, and other data sources.



Prepare data

Use data modules to clean and connect data from multiple resources.

Data Preparation

The screenshot displays the IBM Cognos Analytics web application. The browser tabs at the top include 'WhatsApp', 'IBM', 'My IBM', 'Test_data_module', 'IBM-EPBL/IBM-Projec...', and 'Healthcaredata unzip...'. The URL bar shows a long alphanumeric string. The application header includes 'IBM Cognos Analytics with Watson', a 'Learn More' button, a search bar, and user profile icons.

The main interface is divided into three panes: 'Data module', 'Relationships', and 'Custom tables'. The 'Data module' pane on the left shows a tree structure for 'Test_data_module' containing 'test_data.csv' with columns: Row Id, case_id, Hospital_code, Hospital...ype_code, City_Code_Hospital, Hospital...ion_code, Available...Hospital, Department, Ward_Type, and Ward_Facility_Code. A context menu is open over the 'Ward_Type' column, listing actions such as 'Filter...', 'Create data group...', 'Create navigation path...', 'Search for members...', 'Refresh members', 'Split...', 'Hide from users', 'Remove', 'Refresh properties...', 'Format data...', 'Clean...', 'Rename', 'Cut', 'Copy', and 'Properties'. The 'Ward_Type' column in the main table is highlighted with a blue border.

The 'Relationships' pane in the center shows a table with columns: 'available E...in Hospital', 'Department', 'Ward_Type', 'Ward_Facility_Code', and 'Bed Grade'. The 'Custom tables' pane on the right is currently empty.

At the bottom, a taskbar shows several open files: 'Sprint delivery 1.pdf', 'Healthcare Data u...pdf', 'Healthcare_Data (1).zip', and 'Healthcare_Data.zip'. The Windows taskbar at the very bottom includes a search bar and various application icons. The system clock in the bottom right corner indicates the time is 12:26 on 19-11-2022.

available E...in Hospital	Department	Ward_Type	Ward_Facility_Code	Bed Grade
	gynecology	S	A	2
	gynecology	S	F	2
	gynecology	Q	D	4
	gynecology	Q	F	2
	gynecology	R	F	2
	gynecology	Q	F	2
	gynecology	Q	D	2
	gynecology	S	E	3
	gynecology	Q	F	3
	gynecology	Q	F	4

Cleaning Process

The screenshot shows the IBM Cognos Analytics interface with a data table and a cleaning dialog box. The table has columns: Hospital_region_code, Available Extra Rooms in Hospital, Department, Ward_Type, Ward_Facility_Code, and Bed Grade. The dialog box, titled 'Clean - Available Extra Rooms in Hospital', is open over the 'Available Extra Rooms in Hospital' column. It contains a 'NULL values' section with two options: 'Replace this value with NULL' (unchecked) and 'Replace NULL values with' (checked). The value '0' is entered in the input field for the checked option. The dialog has 'Cancel' and 'Clean' buttons at the bottom.

Hospital_region_code	Available Extra Rooms in Hospital	Department	Ward_Type	Ward_Facility_Code	Bed Grade
Z				A	2
X				F	2
Y				D	4
X				F	2
X				F	2
X				F	2
Y				D	2
X				E	3
X	4	gynecology	Q	F	3
X	3	gynecology	Q	F	4
X	4	gynecology	Q	E	2