

ASSIGNMENT 1

Step 1 : Uploading the dataset

The screenshot shows the IBM Cognos Analytics home page. The browser address bar displays `ap1.ca.analytics.ibm.com/bi/?perspective=home`. The page header includes the IBM Cognos Analytics logo and a notification for "1 item open". Below the header, there is a section titled "Introduction to Cognos Analytics" with buttons for "Get started", "Watch videos", and "Product tour". The main content area features two large buttons: "Upload data and start creating content" and "Create content from existing data". Below these, a "Recent" tab is active, showing a list of items. A table displays the details of the uploaded file "archive.zip".

Name	Location	Type	Last Accessed
archive.zip	My content	Uploaded file	10/18/2023, 12:12 PM

Step 2 : Clear the unnecessary data into dataset

The screenshot shows the IBM Cognos Analytics "New data module" page. The browser address bar displays a URL with parameters for the data module. The page header includes the IBM Cognos Analytics logo and a notification for "* New data module". The main content area features a "Data module" section with a search bar and a list of items. A table displays the details of the uploaded file "archive.zip".

Row Id	Invoice ID	Branch	City	Customer type	Gender
1	750-67-8428	A	Yangon	Member	Female
2	226-31-3081	C	Naypyitaw	Normal	Female
3	631-41-3108	A	Yangon	Normal	Male
4	123-19-1176	A	Yangon	Member	Male
5	373-73-7910	A	Yangon	Normal	Male
6	699-14-3026	C	Naypyitaw	Normal	Male
7	355-53-5943	A	Yangon	Member	Female
8	315-22-5665	C	Naypyitaw	Normal	Female
9	665-32-9167	A	Yangon	Member	Female
10	692-92-5582	B	Mandalay	Member	Female

Step 3 : Creating a custom table to view its definition

The screenshot shows the IBM Cognos Analytics web interface. The browser tabs include 'WhatsApp', 'My IBM', and 'New data module'. The URL is ap1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=1099404553_b7488ec2afbd4f1c85bcea26963c77de_sessionTemp&objRef=&tid=1099404553_b74.... The interface has a top navigation bar with 'IBM Cognos Analytics' and a dropdown for '* New data module'. Below this is a toolbar with icons for various actions. The main content area is divided into a left sidebar and a central workspace. The sidebar has a 'Data module' section with a search bar and a list of items: 'New data module', 'Navigation paths', 'supermarket sales', and 'archive.zip'. The central workspace has tabs for 'Grid', 'Relationships', and 'Custom tables'. The 'Custom tables' tab is active, showing a diagram where 'archive.zip' is connected to a table named 'supermarket sales'. The bottom of the screen shows a Windows taskbar with the date and time '11:05 PM 10/18/2023'.

Step 4 : Data Exploration

The screenshot shows the IBM Cognos Analytics web interface in the 'Data Exploration' view. The browser tabs include 'WhatsApp', 'My IBM', and 'New exploration'. The URL is ap1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_508b678d-9acb-431b-a5fa-53ebe7cec3b4&options%5BdisableGlassPrefetch%5D=true&optio.... The interface has a top navigation bar with 'IBM Cognos Analytics' and a dropdown for '* New exploration'. Below this is a toolbar with icons for various actions. The main content area is divided into a left sidebar and a central workspace. The sidebar has a 'Cards' section with a 'Data relationships' card. The central workspace has a title 'Explore data relationships' and a search bar with 'Total'. Below the search bar is a relationship diagram showing 'Total' as the central node, connected to 'Quantity', 'Tax 5%', 'gross income', 'Unit price', and 'cogs'. To the right of the diagram is a summary card showing '323K Total'. Below the summary card is a bar chart titled 'Total and Unit price by Date'. The bottom of the screen shows a Windows taskbar with the date and time '11:10 PM 10/18/2023'.

Step 5 : Visualization



