

# DATA PREPARATION

Date	09 NOVEMBER 2022
Team ID	PNT2022TMID01215
Project Name	Data Analytics For DHL Logistics Facilities

## PREPARING THE DATA:

The screenshot displays the IBM Cognos Analytics web interface. The top navigation bar includes the IBM logo, user profile, and search bar. A maintenance notification is visible. The main content area shows a data table with 14 rows of facility data. The left sidebar contains a 'Data module' section with a search bar and a list of fields including Row Id, X, Y, OBJECTID, FEATURE\_ID, NAME, ADDRESS, ADDRESS2, CITY, STATE, ZIP, LATITUDE, LONGITUDE, MATCH\_STATUS, PLACEMENT, CENSUS\_CODE, and FACT\_DISPLAY.

Grid	Relationships	Custom tables				
Row Id	X	Y	OBJECTID	FEATURE_ID	NAME	AD
1	-11208338.4063	5030050.6886	1	2093	DHL STATION	
2	-8043436.2275	5299085.4766	2	2293	PC CONNECTION	
3	-8045971.8629	5301971.1998	3	2294	20 CENTRAL SQ	
4	-8046141.6251	5301455.1644	4	2299	SHIPPING SHACK	
5	-8053021.8375	5367961.06	5	2597	CLAREMONT LOCK & KEY	
6	-7992278.131	5623122.3718	6	2853	25 NELSON ROAD	
7	-9407483.1514	4583990.0076	7	4305	UNIVERSITY OF KENTUCKY COLLEGE OF HEALTH SCIENCES	
8	-8071231.8138	5217005.9287	8	6771	POSTAL CONNECTION	
9	-8072774.5906	5218061.0587	9	6772	D H JONES REALTY	
10	-8081281.0695	5212345.4458	10	6774	106 RUSSELL RD	
11	-8153608.3483	5211298.6328	11	6802	DHL EXPRESS	
12	-8157179.4776	5217532.7256	12	6804	ARNOFF	
13	-8147414.4205	5230090.8057	13	6807	DOWNING INDUSTRIAL PARK	
14	-8154613.5633	5228377.1519	14	6808	BERKSHIRE COMMONS	

## SAVING THE PREPARED DATASET:

The screenshot shows the IBM Cognos Analytics web interface. A 'Save as' dialog box is open, allowing the user to save a data module. The dialog has a 'Name' field containing 'DHL Facilities Data Preparation'. Below this, it shows 'Selected destination: My content'. There are two tabs: 'My content' (selected) and 'Team content'. Under the 'My content' tab, a table lists the content items:

Name	Type	Last Accessed
archive.zip	Uploaded file	11/14/2022, 12:14 AM

At the bottom of the dialog are 'Cancel' and 'Save' buttons. The background interface shows a 'Data module' sidebar with a search bar and a list of fields (Row Id, X, Y, OBJECTID, FEATURE\_ID, NAME, ADDRESS, ADDRESS2, CITY, STATE, ZIP, LATITUDE, LONGITUDE, MATCH\_STATUS, PLACEMENT, CENSUS\_CODE, LAST\_PICKUP). On the right, a 'Properties' panel shows a table of data with columns 'NAME' and 'ADDRESS'.

NAME ADDRESS  
DHL STATION  
PC CONNECTION  
20 CENTRAL SQ  
SHIPPING SHACK  
CLAREMONT LOCK & KEY  
25 NELSON ROAD  
UNIVERSITY OF KENTUCKY COLLEGE OF HEALTH SCIENCES  
POSTAL CONNECTION  
D H JONES REALTY  
106 RUSSELL RD  
DHL EXPRESS  
ARNOFF  
DOWNING INDUSTRIAL PARK  
BERKSHIRE COMMONS  
TD BANK NORTH NEW YORK E