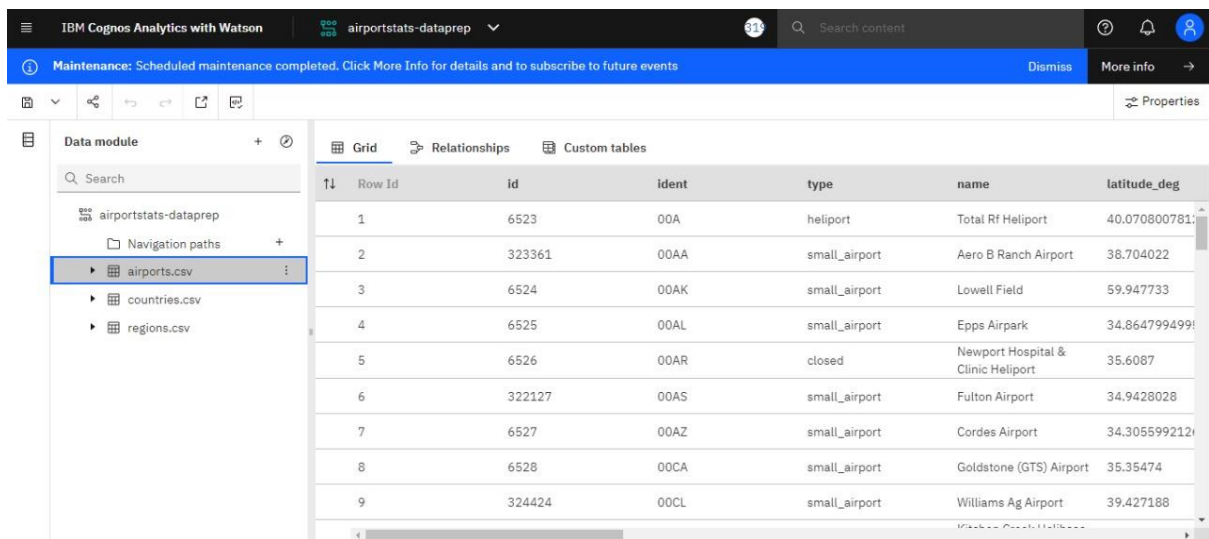


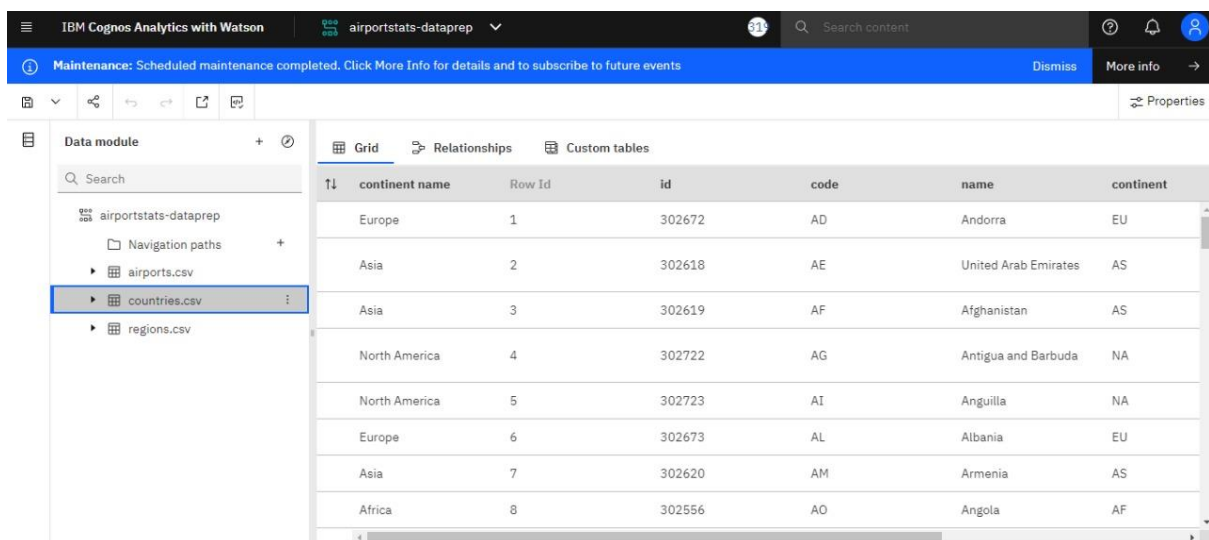
Data Preparation

Data preparation is the process of gathering, combining, structuring and organizing data so it can be used in business intelligence (BI), analytics and data visualization applications. The components of data preparation include data pre-processing, profiling, cleansing, validation and transformation; it often also involves pulling together data from different internal systems and external sources.



The screenshot shows the IBM Cognos Analytics with Watson interface. The top navigation bar includes the product name, a dropdown menu for 'airports-dataprep', a search bar, and user profile icons. A blue banner below the navigation bar indicates 'Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events'. The main workspace is divided into a left sidebar and a right pane. The sidebar, titled 'Data module', contains a search bar and a list of modules: 'airports-dataprep', 'Navigation paths', 'airports.csv' (selected), 'countries.csv', and 'regions.csv'. The right pane, titled 'Grid', displays a table with 9 rows and 7 columns: 'Row Id', 'id', 'ident', 'type', 'name', and 'latitude_deg'. The data represents various airports, including Total Rf Heliport, Aero B Ranch Airport, Lowell Field, Epps Airpark, Newport Hospital & Clinic Heliport, Fulton Airport, Cordes Airport, Goldstone (GTS) Airport, and Williams Ag Airport.

Row Id	id	ident	type	name	latitude_deg
1	6523	00A	heliport	Total Rf Heliport	40.070800781
2	323361	00AA	small_airport	Aero B Ranch Airport	38.704022
3	6524	00AK	small_airport	Lowell Field	59.947733
4	6525	00AL	small_airport	Epps Airpark	34.864799499
5	6526	00AR	closed	Newport Hospital & Clinic Heliport	35.6087
6	322127	00AS	small_airport	Fulton Airport	34.9428028
7	6527	00AZ	small_airport	Cordes Airport	34.305599212
8	6528	00CA	small_airport	Goldstone (GTS) Airport	35.35474
9	324424	00CL	small_airport	Williams Ag Airport	39.427188



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continent name	Row Id	id	code	name	continent
Europe	1	302672	AD	Andorra	EU
Asia	2	302618	AE	United Arab Emirates	AS
Asia	3	302619	AF	Afghanistan	AS
North America	4	302722	AG	Antigua and Barbuda	NA
North America	5	302723	AI	Anguilla	NA
Europe	6	302673	AL	Albania	EU
Asia	7	302620	AM	Armenia	AS
Africa	8	302556	AO	Angola	AF

IBM Cognos Analytics with Watson

airportstats-dataprep

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Search content

Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events

Dismiss

More info →

Properties

GridRelationshipsCustom tables

Row Id	id	code	local_code	name	continent
1	302811	AD-02	02	Canillo Parish	EU
2	302812	AD-03	03	Encamp Parish	EU
3	302813	AD-04	04	La Massana Parish	EU
4	302814	AD-05	05	Ordino Parish	EU
5	302815	AD-06	06	Sant Julià de Lòria Parish	EU
6	302816	AD-07	07	Andorra la Vella Parish	EU
7	302817	AD-08	08	Escaldes-Engordany Parish	EU
8	302818	AD-U-A	U-A	(unassigned)	EU

Data module

Search

airportstats-dataprep

Navigation paths

airports.csv

countries.csv

regions.csv