SPRINT II

Date	3 November 2022
Team ID	PNT2022TMID22723
Project Name	Airlines Data Analytics for Aviation Industry
Maximum Marks	8 Marks

Working With The Dataset

Understanding The Dataset

A dataset is a collection of data within a database.

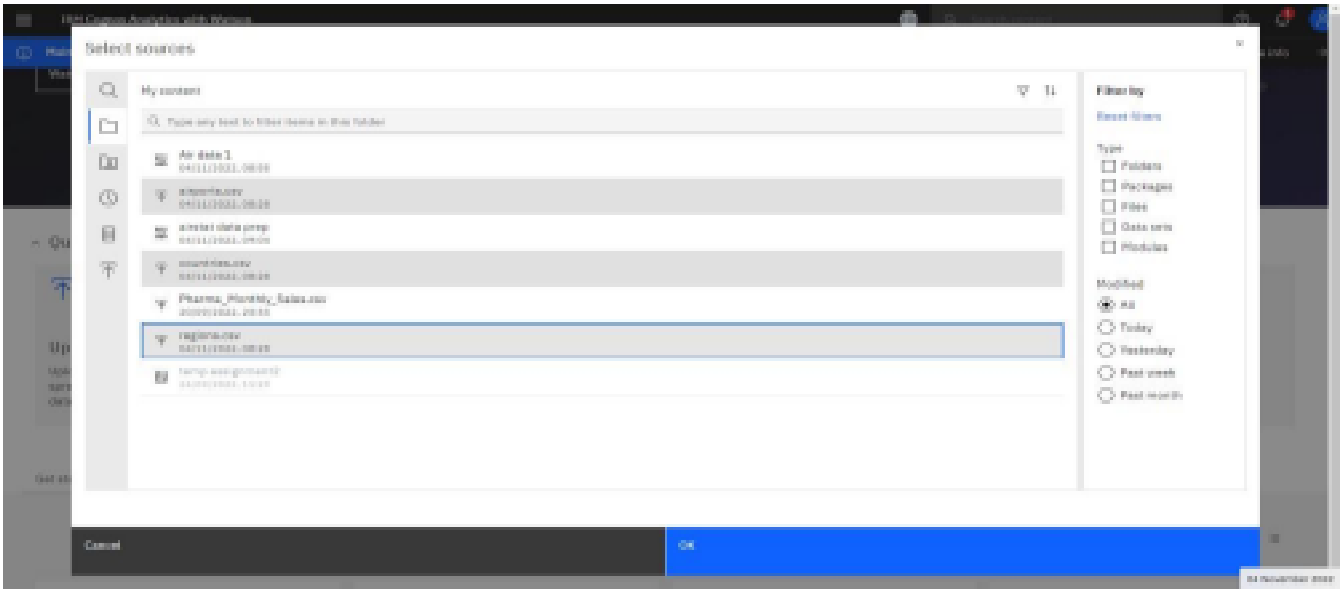
Typically, datasets take on a tabular format consisting of rows and columns. Each column represents a specific variable, while each row corresponds to a specific value. Some datasets consisting of unstructured data are non-tabular, meaning they don't fit the traditional row column format.
The data can be downloaded from the Links :

1. AirStats data on airports around the world
2. Circum - Airport Performance Reports
3. Resources Coverage data

Loading of Dataset

What is meant by load data?

Data Loading is defined as **copying data from one electronic file or database into another**. Data loading implies converting from one format into another; for example, from one type of production database into a decision support database from a different vendor.

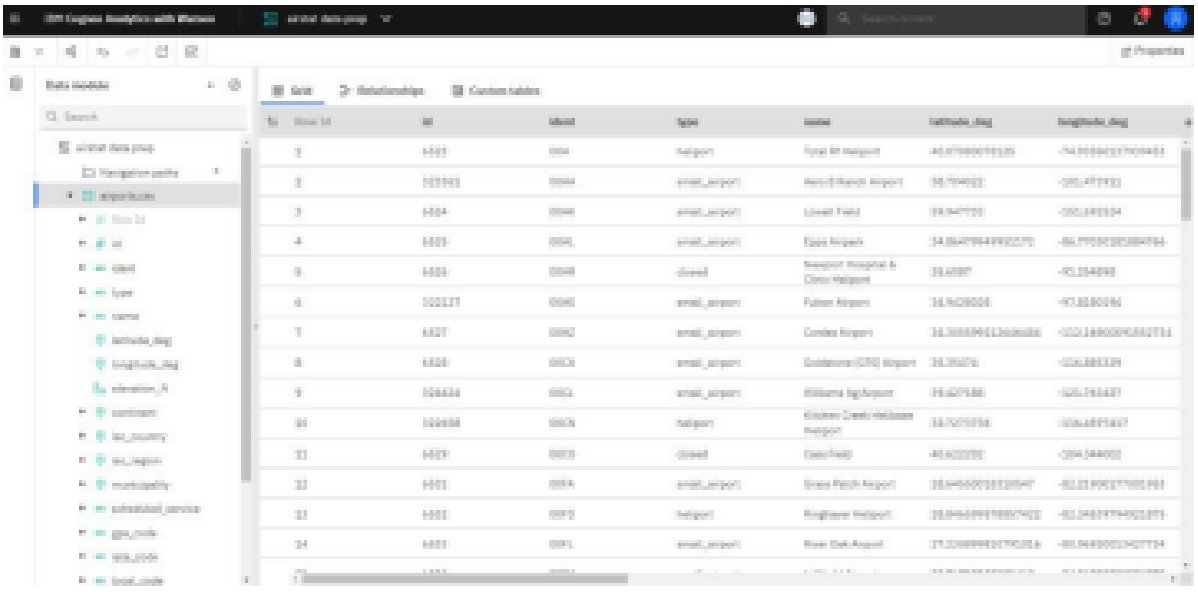


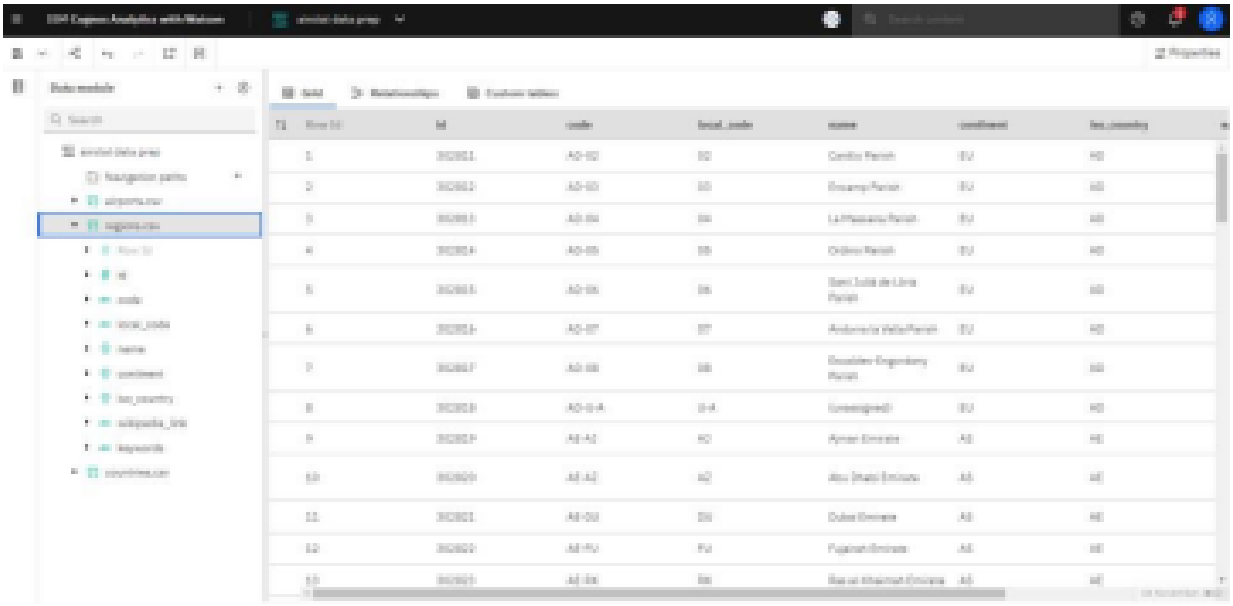
Data Preparation

Data Preparation.

- Validate all the tables - airports, countries, regions

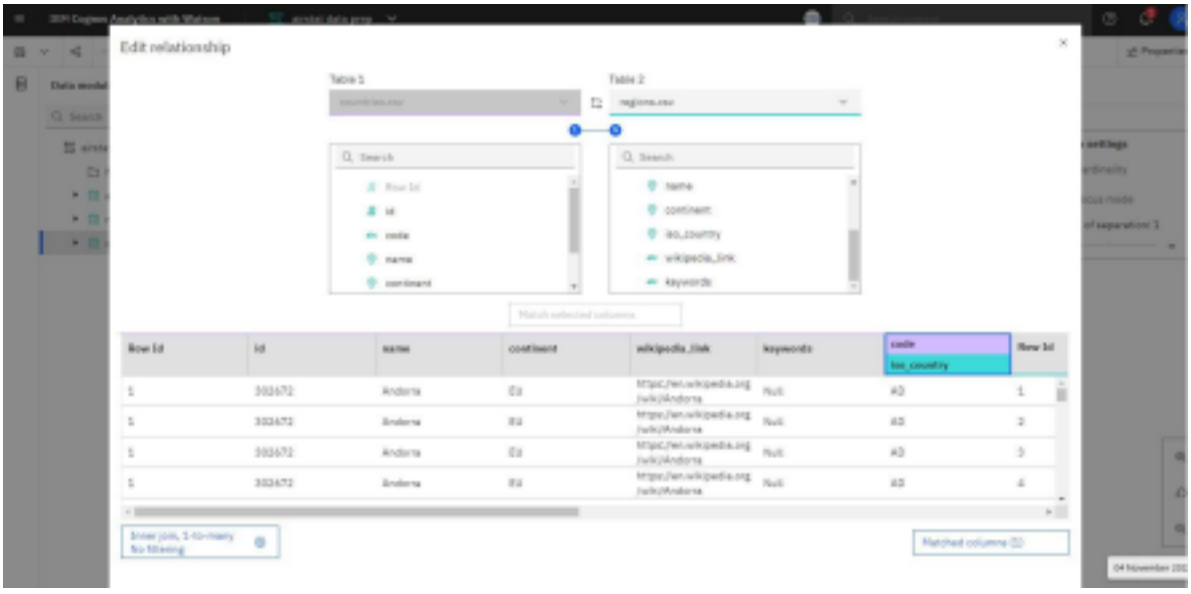
- Create calculated field - Continent Name using the codes.





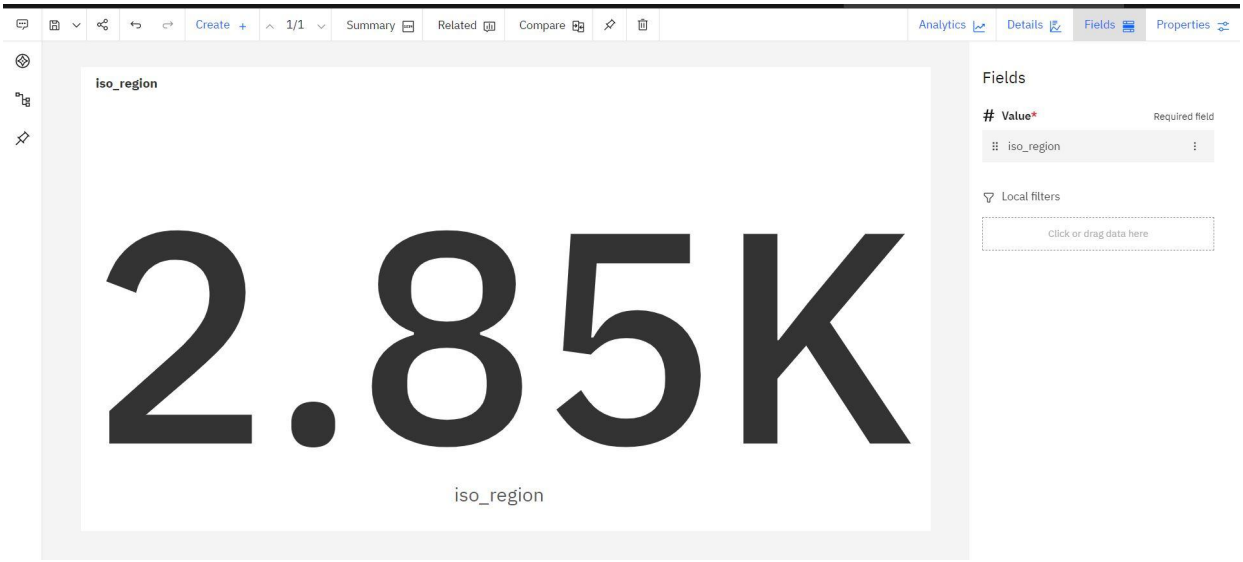
Joining Of Tables

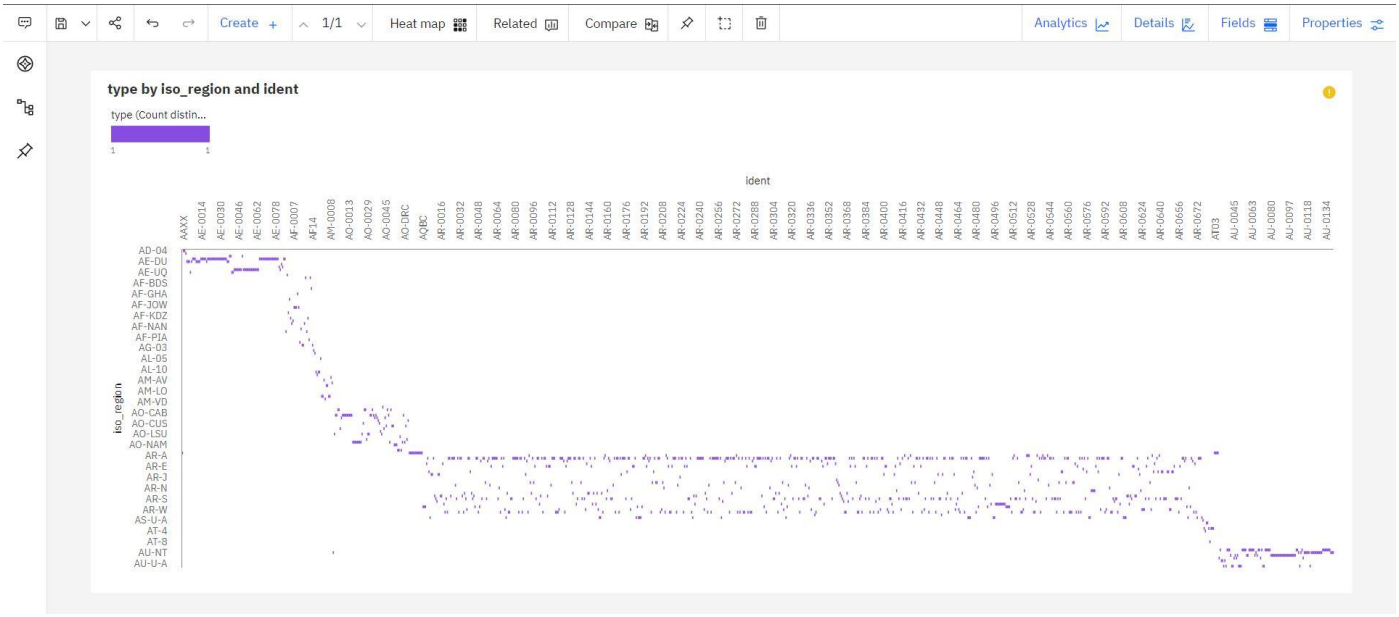
Joining of Tables Airports, Countries and Regions with the related columns.



Exploration Of Data

Exploration of Data to understand the descriptive statistics of the data.

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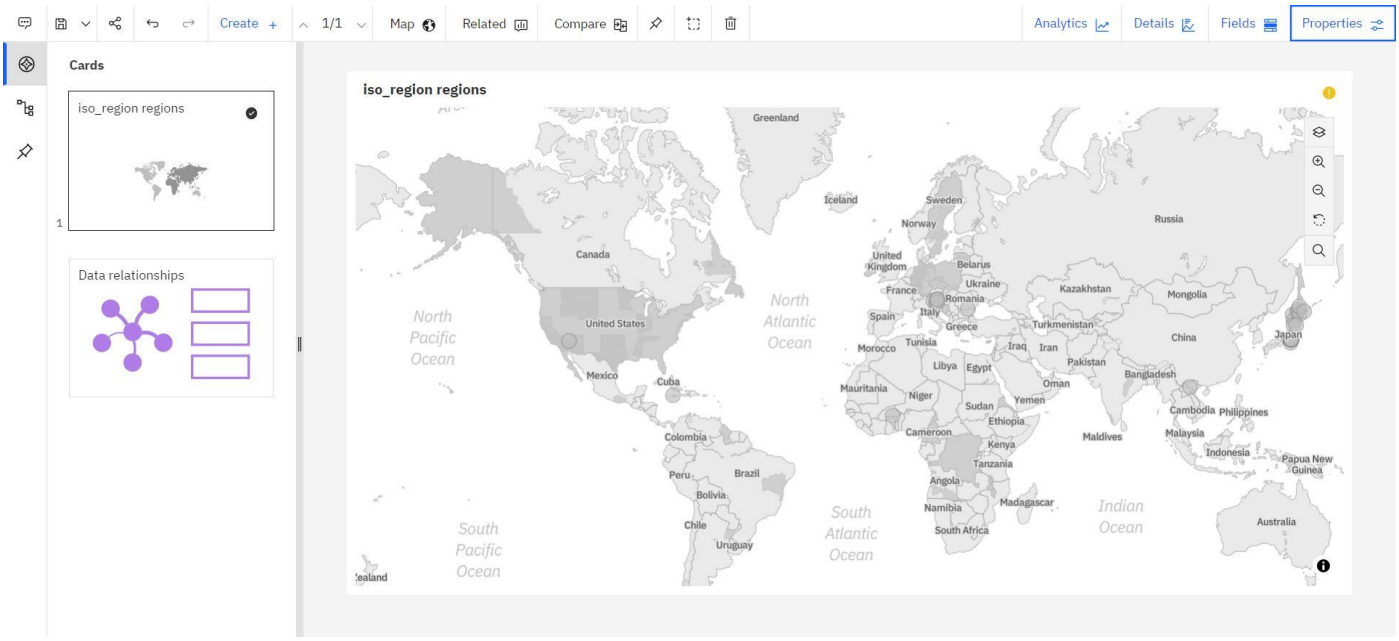
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Turkmenistan
China
Japan
Morocco
Tunisia
Iraq
Iran
Libya
Egypt
Pakistan
Bangladesh
Mauritania
Niger
Oman
Sudan
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Papua New Guinea
Angola
Namibia
Madagascar
Australia
South Africa
United States
Mexico
Cuba
Colombia
Peru
Brazil
Bolivia
Chile
Uruguay
North Pacific Ocean
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South Pacific Ocean
South Atlantic Ocean
Indian Ocean