Date	22 October 2022
Team ID	PNT2022TMID51852
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.

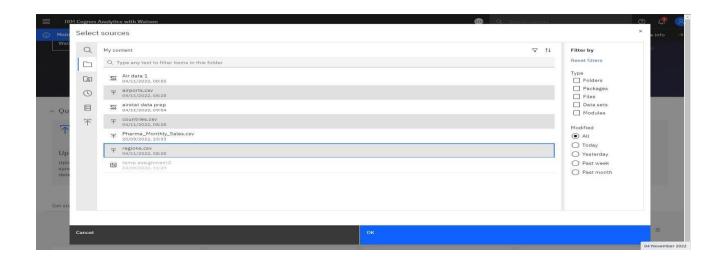
The data can be downloaded from the Links:

- 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?

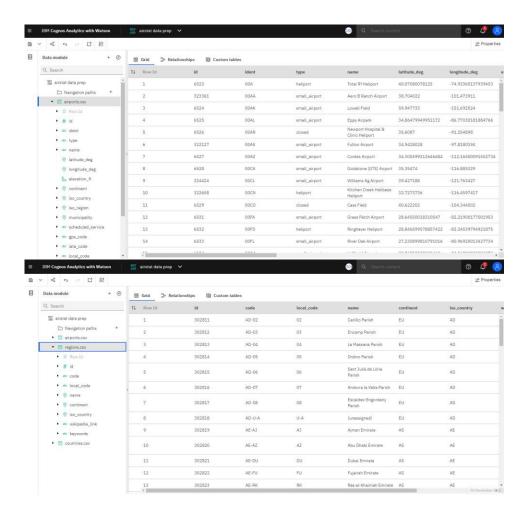
Data Loading is defined as **copying data from one electronic file or database into another**. Data loading implies converting from one format into another; for example, from one type of production database into a decision support database from a different vendor.



Data Preparation

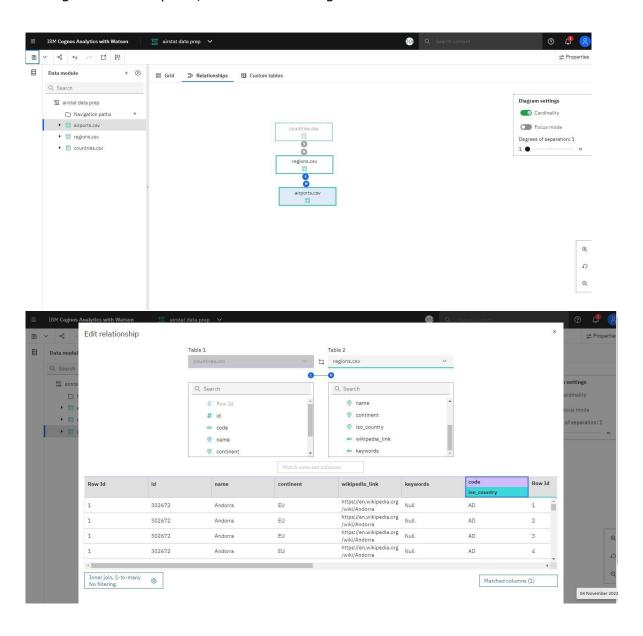
Data Preparation.

- 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.

