about

The global air transportation network dataset is a comprehensive collection of information on airports, airlines and their routes.

It contains information such as names, cities, countries, codes, longitudes, latitudes and altitudes of airports across the world with detailed timezone and daylight saving time data.

It also covers route details such as airline sources to destination airports along with essential details like codeshare stakeholders if any stops required during this journey .

This includes information about airlines including thier ID's, name aliases, IATA and ICAO codes, callsigns country of origin and active status

How to use

This dataset offers a comprehensive overview of the world's air ransportation networks and provides information on various airlines, airports, and routes. It can be used for a variety of research projects, from economic or environmental analysis to exploring the structure of global aviation. Here is a guide to getting started with this valuable dataset.

UNLOCKING INSIGHTS OF GLOBAL AIR TRANSPORTATIONS IN THE TABLEAU

NAME: The name of the airline.

ALIAS: An alternate name for the airline.

IATA: The International Air Transport Association code for the airline

ICAO: The International Civil Aviation Organization code for the airline.

CALLSIGN: The call sign of the airline.

Country: The country the airline is based in

Active: Whether the airline is active or not

information contains

- use the airport data to create an interactive map illustrating all of the airports around the world, and how they are connected by airlines.
- analyze airline route data to visualize patterns in airline flight connectivity across different regions and countries, or compare different airlines routes head-to-head respectively.
- leverage the equipment type for each airline to predict maintenance costs for a fleet of aircrafts, helping plan budjeting expenditures more effectively.

RESEACH IDEAS

See an example