

# DATA PREPARATION

|               |   |
|---------------|---|
| Date          | 02 November, 2022                             |
| Team ID       | PNT2022TMID35369                              |
| Project Name  | Airlines Data Analytics for Aviation Industry |
| Maximum Marks | 4 Marks                                       |

IBM Cognos Analytics with Watson \* AirStats-DataPrep

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Properties

Data module

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AirStats-DataPrep

- Navigation paths
- regions.csv
- countries.csv
- Continent Name
  - Row Id
  - id
  - code
  - name
  - continent
  - wikipedia\_link
  - keywords

| Continent Name | Row Id | id     | code | name                 | cont |
|----------------|--------|--------|------|----------------------|------|
| 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   |

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Properties

Data module

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countries

iso\_country

wikipedia\_link

keywords

countries.csv

airports.csv

Row Id

id

ident

type

name

latitude\_deg

longitude\_deg

Grid

Relationships

Custom tables

|  | Row Id | Id     | ident | type          | name                               | latitude |
|--|--------|--------|-------|---------------|------------------------------------|----------|
|  | 1      | 6523   | 00A   | heliport      | Total Rf Heliport                  | 40       |
|  | 2      | 323361 | 00AA  | small_airport | Aero B Ranch Airport               | 38       |
|  | 3      | 6524   | 00AK  | small_airport | Lowell Field                       | 55       |
|  | 4      | 6525   | 00AL  | small_airport | Epps Airpark                       | 34       |
|  | 5      | 6526   | 00AR  | closed        | Newport Hospital & Clinic Heliport | 35       |
|  | 6      | 322127 | 00AS  | small_airport | Fulton Airport                     | 34       |
|  | 7      | 6527   | 00AZ  | small_airport | Cordes Airport                     | 34       |
|  | 8      | 6528   | 00CA  | small_airport | Goldstone (GTS) Airport            | 35       |
|  | 9      | 324424 | 00CL  | small_airport | Williams Ag Airport                | 35       |

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Navigation paths

regions.csv

# Row Id

# id

code

local\_code

name

continent

iso\_country

wikipedia\_link

keywords

Grid

Relationships

Custom tables

| Row Id | id     | code   | local_code | name                       | cont |
|--------|--------|--------|------------|----------------------------|------|
| 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   |