

# Exploratory Data Analysis (EDA) Report – Airports Dataset

## 1. Dataset Overview

Metric	Value
Rows	6671
Columns	6

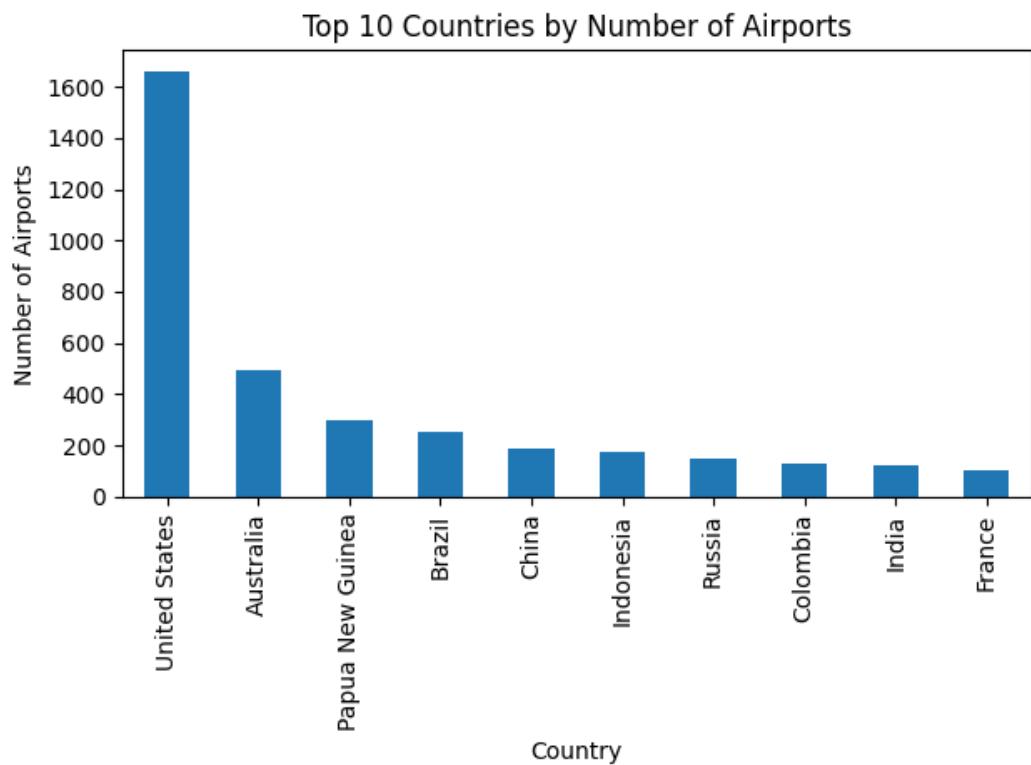
## 2. Missing Values

Column	Missing Values
iata	0
icao	0
name	0
location	0
time	0
country	0

## 3. Unique Values

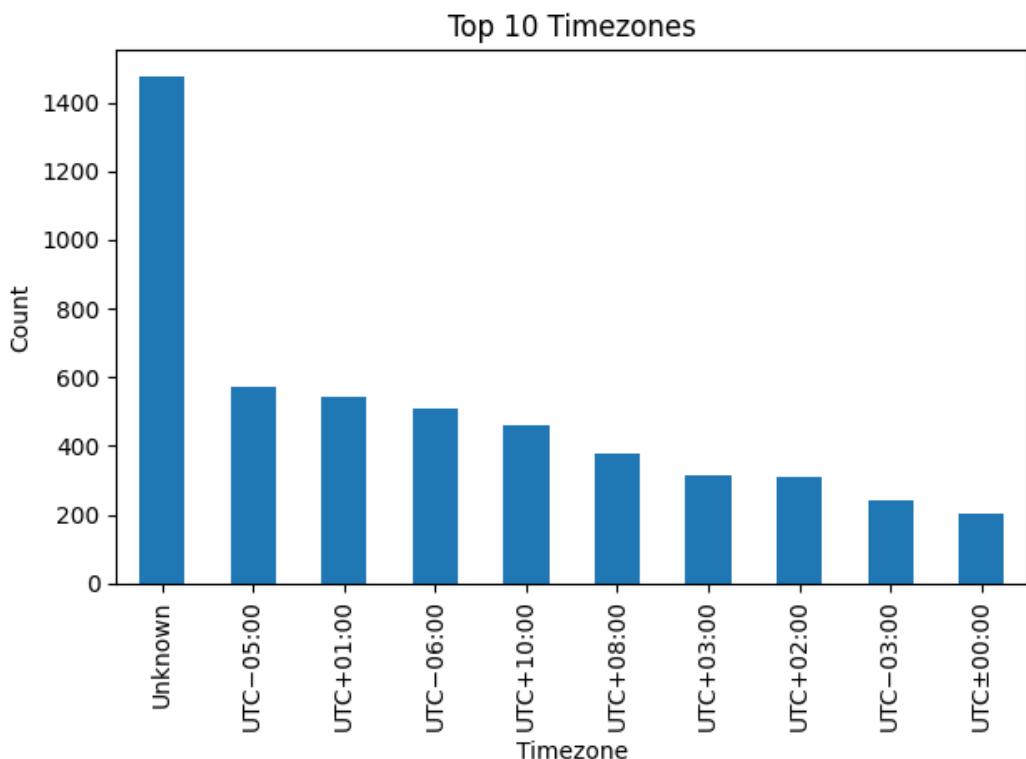
Column	Unique Values
iata	6671
icao	5730
name	6641
location	6419
time	41
country	236

## 4. Top 10 Countries by Airports



Country	Number of Airports
United States	1659
Australia	494
Papua New Guinea	296
Brazil	256
China	188
Indonesia	174
Russia	146
Colombia	128
India	124
France	105

## 5. Top 10 Timezones



Timezone	Count
Unknown	1478
UTC-05:00	573
UTC+01:00	543
UTC-06:00	507
UTC+10:00	459
UTC+08:00	379
UTC+03:00	314
UTC+02:00	310
UTC-03:00	240
UTC±00:00	203

## 6. Key Observations

- The dataset contains 6,671 airport records worldwide.
- The ICAO and Time columns had missing values which were handled using placeholders.
- The United States and other large countries dominate in number of airports.
- Most airports fall under UTC+00:00 to UTC+03:00 time zones.
- The dataset is suitable for geographic and aviation-related analysis.