Country Analysis: travel_master_country_data

Column Name	Table Name	Data Type(in PBI)	Definition/Description	Calculation/Source
Country	travel_master_country_data	Text	Name of the Country	Original Source table
Visitors_2020	travel_master_country_data	Whole Number	Total Number of international tourist arrivals in 2020	UNWTO data
Tourism_Revenue_2020_USD	travel_master_country_data	Decimal Number	Total revenue generated from international tourism in 2020(in USD)	Original Source table
Happiness_Score_2023	travel_master_country_data	Decimal Number	The national happiness score for 2023	World Happiness Report
Visitors_Tier	travel_master_country_data	Text	Categorical measure of resilience (Low,Medium,High)	Calculated via DAX in Power BI based on the Visitors_2020 column
Log_GDP	travel_master_country_data	Decimal Number	Logarithm of Country's GDP(often used for correlation/scaling)	Calculated in Google Colab(Python)
Freedom_Score	travel_master_country_data	Decimal Number	Score representing Civil liberties and political rights	Original Source table

Seasonality Analysis: flight_seasonal_cleaned Data

Column Name	Table Name	Data Type (in PBI)	Definition/Description	Calculation/Source
Travel_Month	flight_seasonal_cleaned	Whole Number	The Month of Travel (1=Jan, 2=Feb, 3=Mar)	Grouping key from Original flight data
Avg_Flight_Price	flight_seasonal_cleaned	Decimal Number	The calculated mean price of all flight samples for that specific month	Aggregation(Average) calculated in Google Colab(Python)
Total_Samples	flight_seasonal_cleaned	Whole Number	The total number of flight price records used to calculate the average for that month	Aggregation(Count) calculated in Google Colab(Python)