A photograph of an airplane wing and sky at sunset. The sky is filled with warm orange and yellow hues, with a bright sun visible on the horizon. The airplane's wing is prominent in the foreground, angled downwards. The overall mood is travel and adventure.

Data Squadron

DISCOVER BRAZIL

YOUR NEXT ADVENTURE STARTS HERE

Dinan Sooriyaarachchi | Brandon Tang | Kaitlin Yen | Keon Der | Jeremy Castro

Problem Statement

What are the best cities for travelling?

Criteria:

- **Popularity**
- **Price**
- **Seat Class**



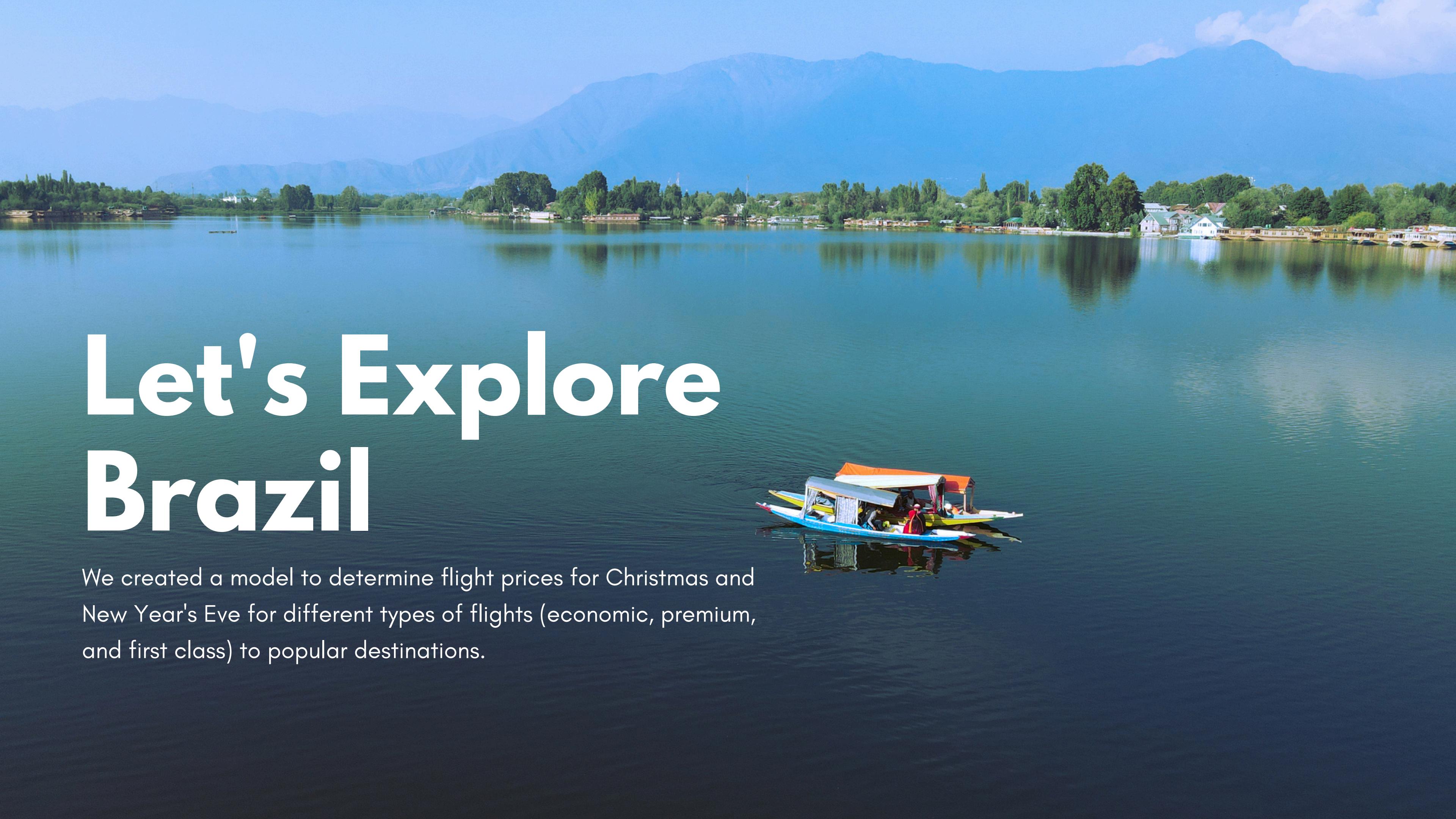
Flights Data Set

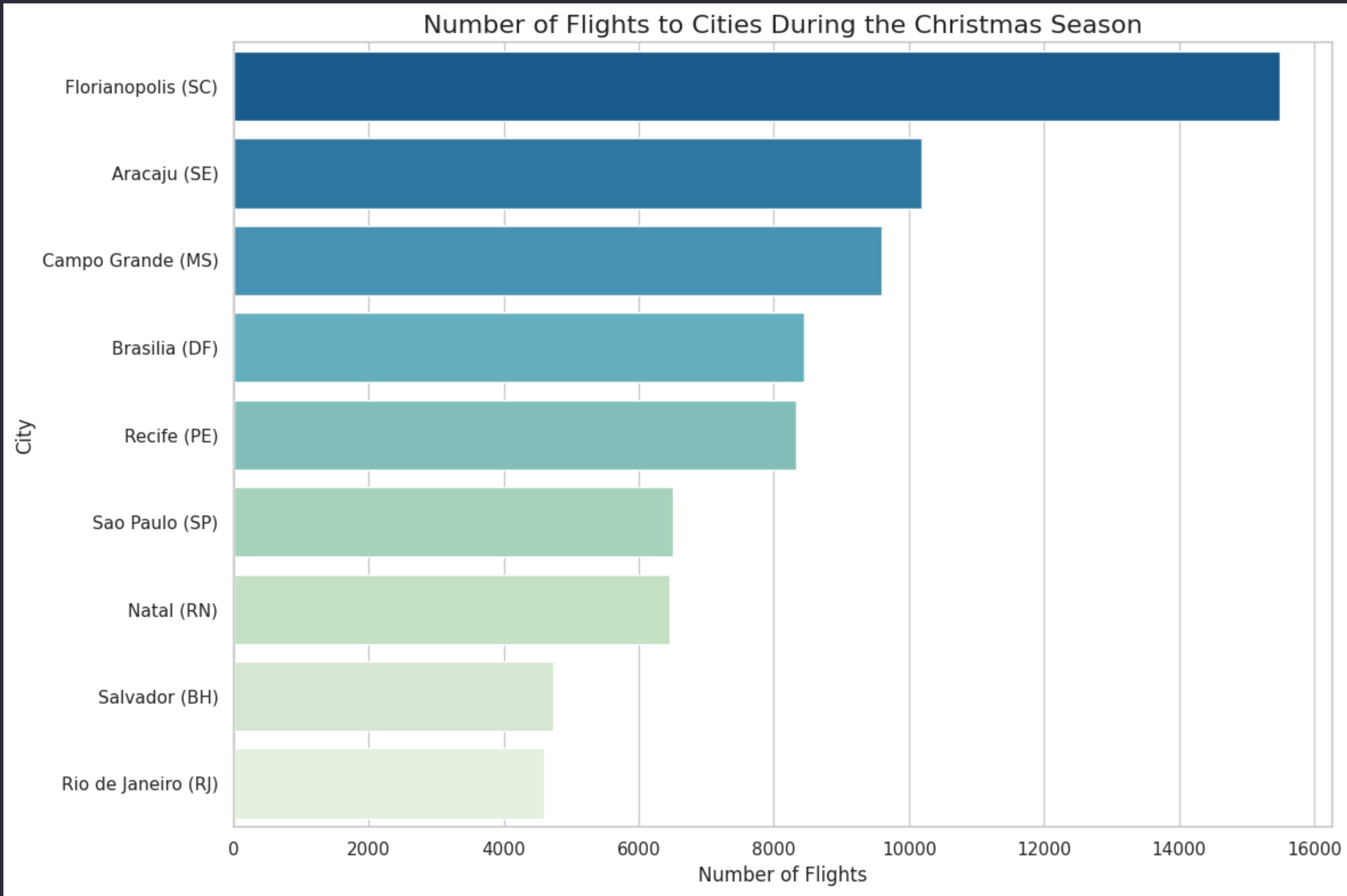
From	To	FlightType	Price	Agency	Date
Recife (PE)	Florianopolis (SC)	firstClass	1434.38	FlyingDrops	2019-09-26
Florianopolis (SC)	Recife (PE)	firstClass	1292.29	FlyingDrops	2019-09-30
Brasilia (DF)	Florianopolis (SC)	firstClass	1487.52	CloudFy	2019-10-03
Florianopolis (SC)	Brasilia (DF)	firstClass	1127.36	CloudFy	2019-10-04
Aracaju (SE)	Salvador (BH)	firstClass	1684.05	CloudFy	2019-10-10

Not shown: travelCode, userCode, time, distance

Let's Explore Brazil

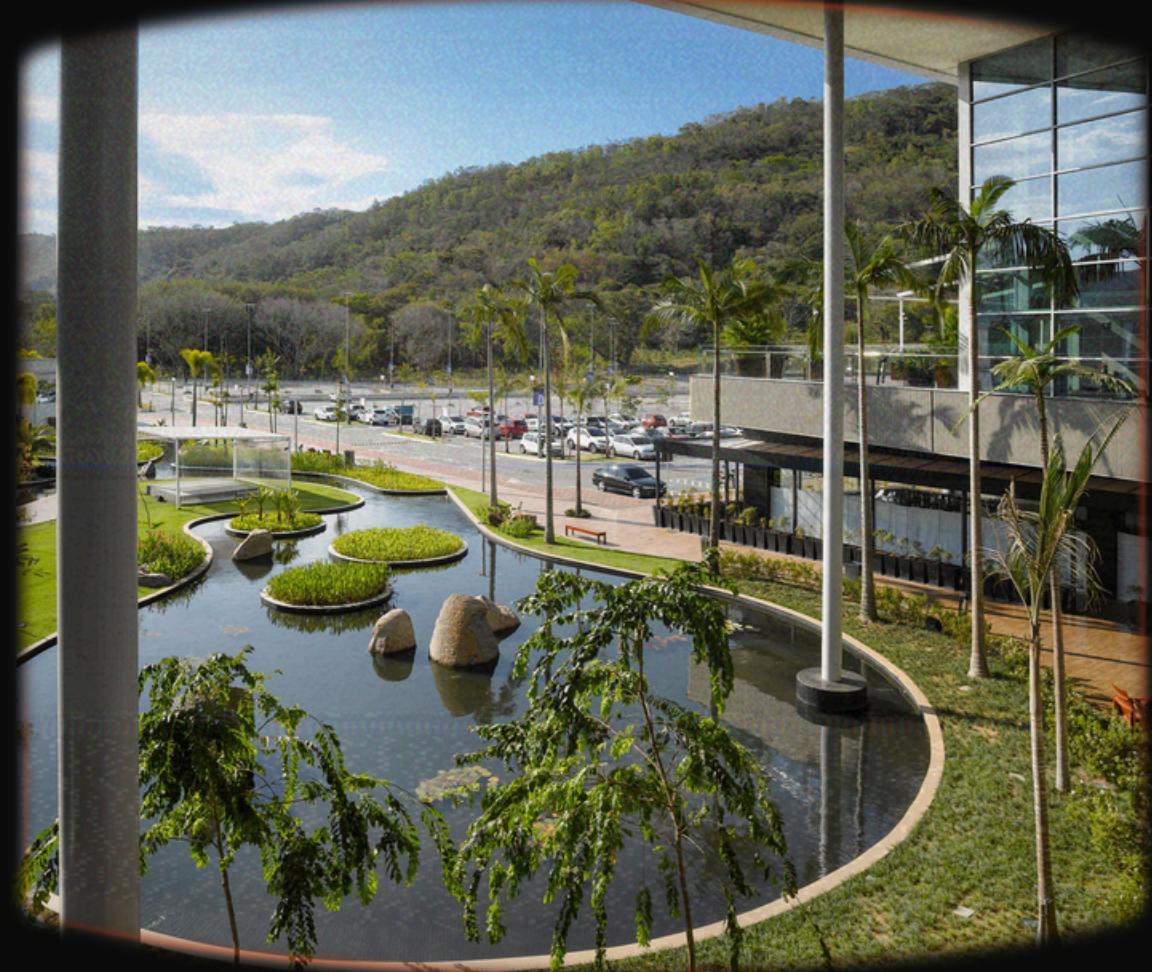
We created a model to determine flight prices for Christmas and New Year's Eve for different types of flights (economic, premium, and first class) to popular destinations.







Florianopolis



Aracaju



Campo Grande

Favorite Destinations

We recommend these cities for travelling over the holiday season if you value popularity.



Natal



Salvador

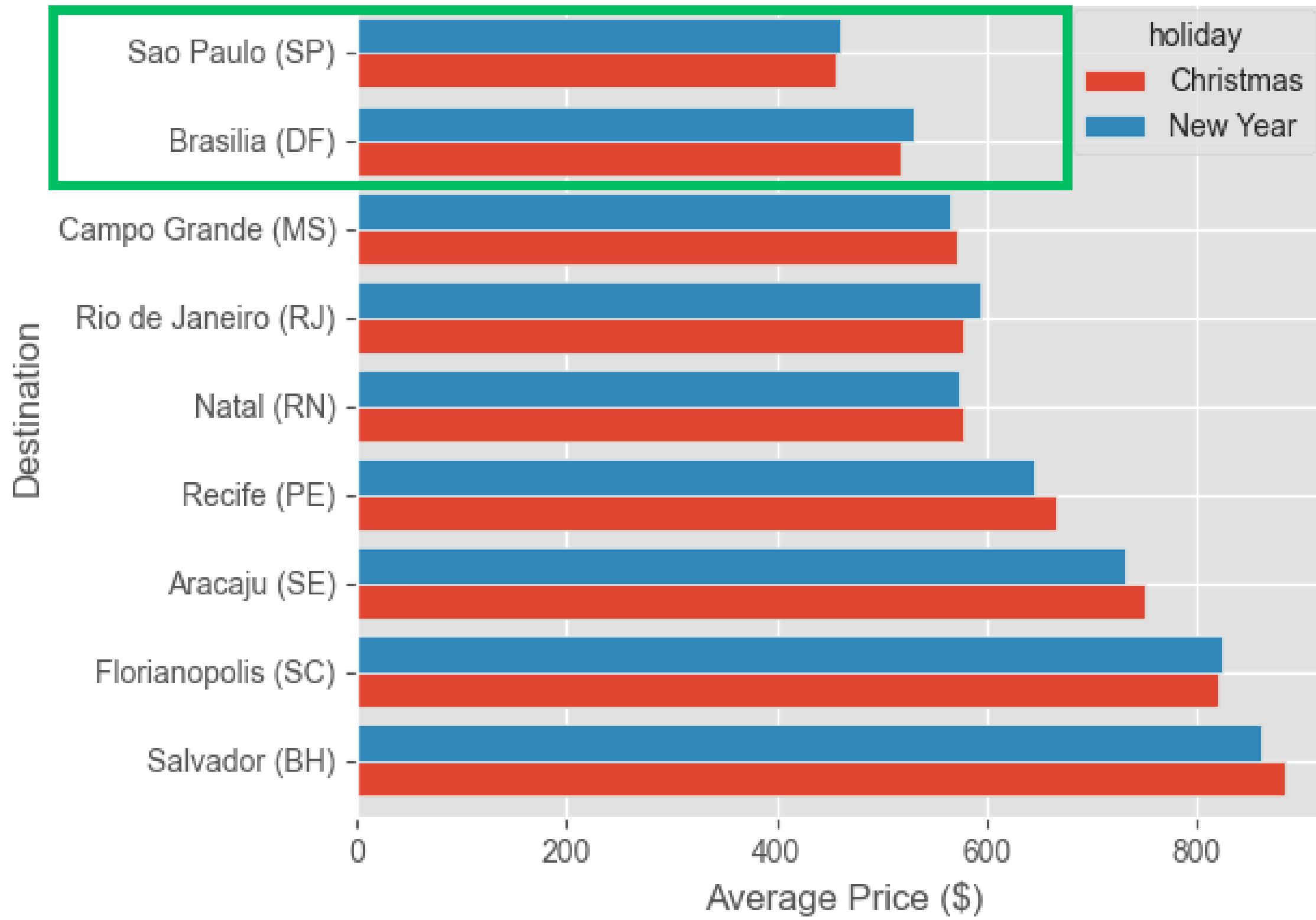


Rio de Janeiro

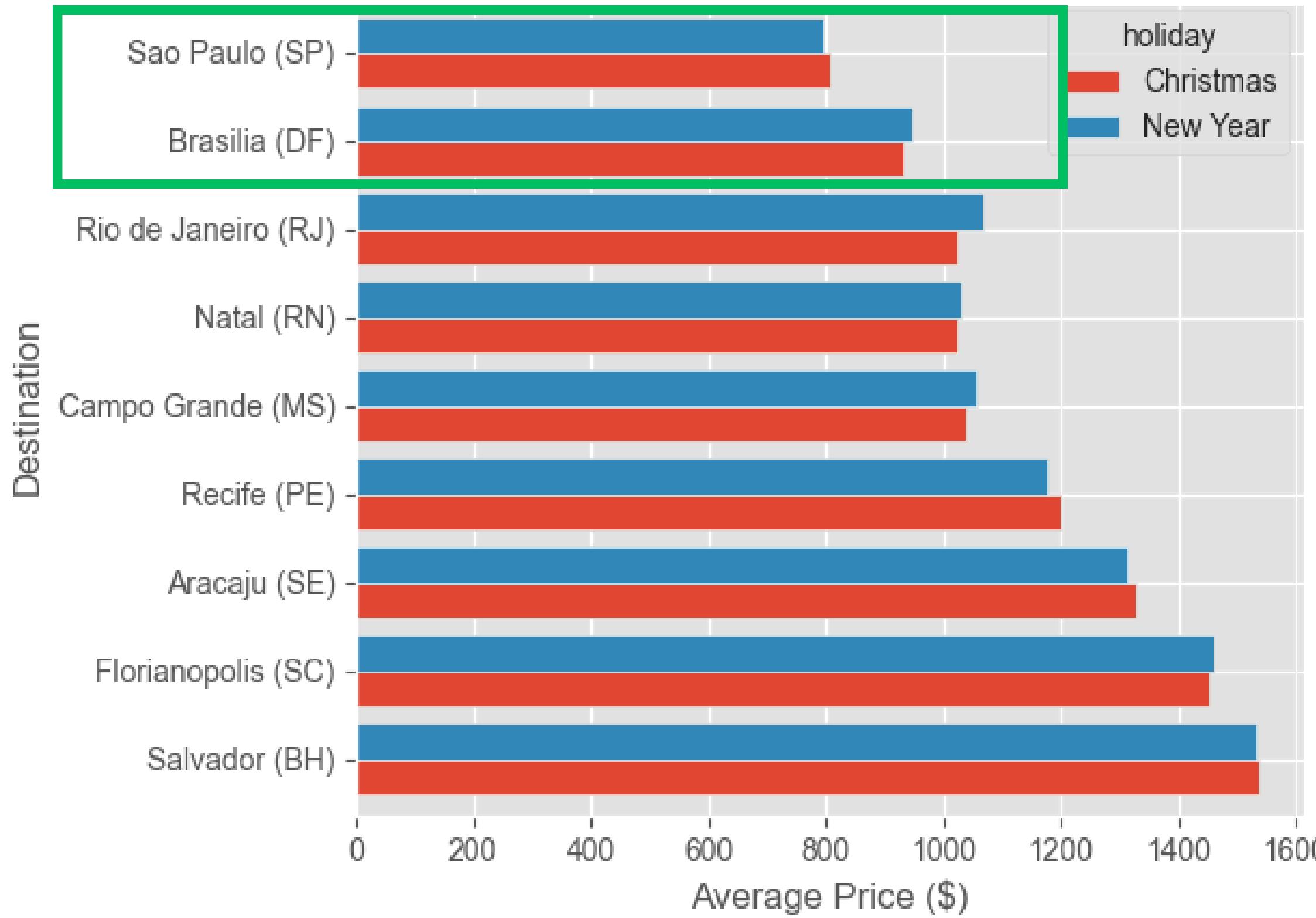
Less Crowded Destinations

If you want to avoid the crowds we recommend these cities during the holiday season.

[Economy] Destination by Price



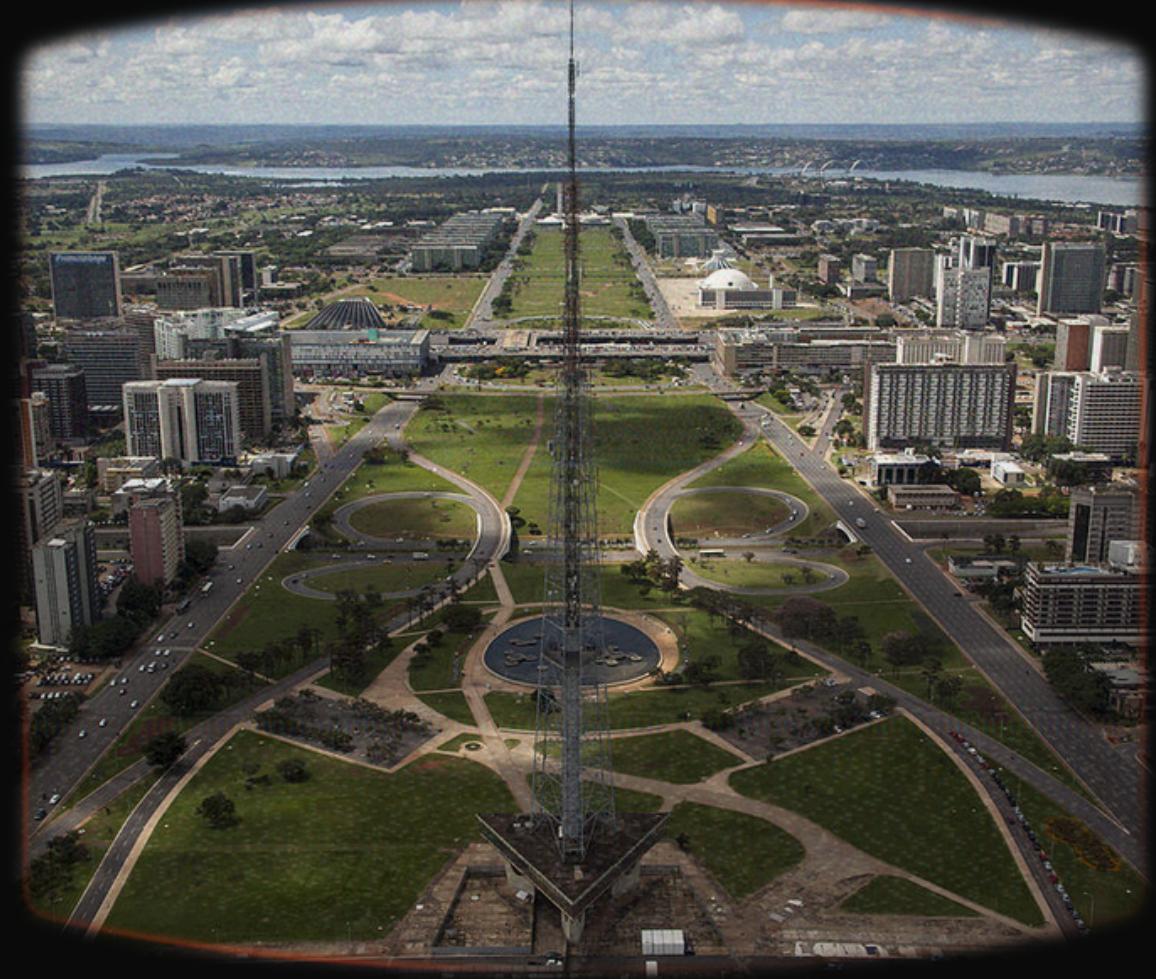
[First Class] Destination by Price





Sao Paulo

Economic ~\$450
First Class ~\$800

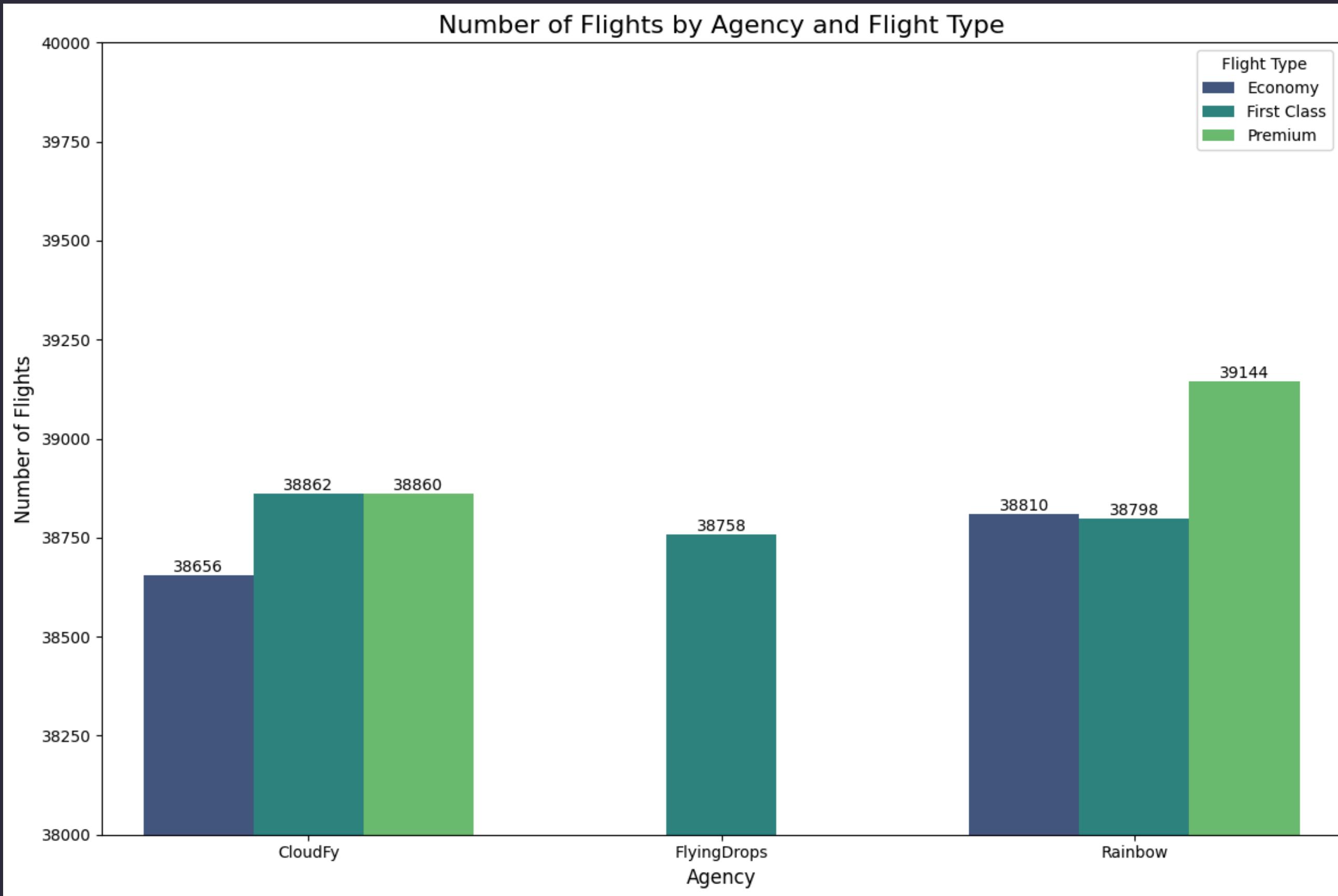


Brasilia

Economic ~\$500
First Class ~\$950

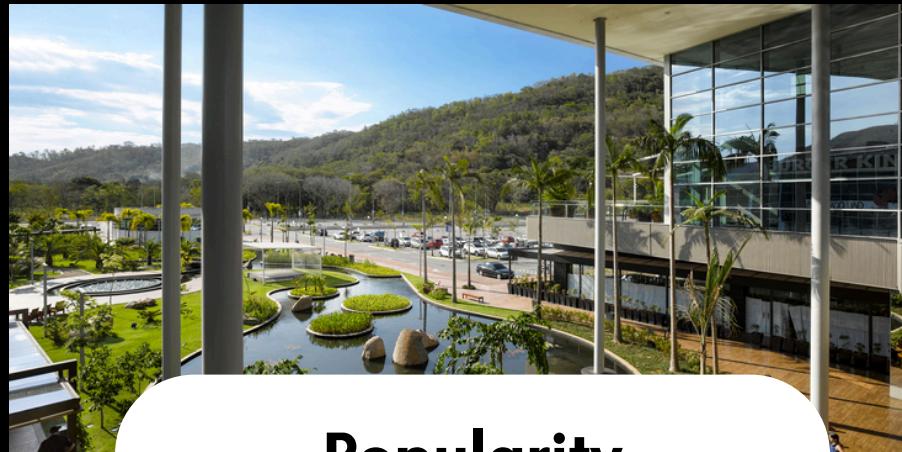
Budget Destinations

We recommend these cities for travelling over the holiday season if you value price efficiency.



Top Choices

Here are our recommendations during the holidays accounting for activities, flight popularity and price.



Popularity



Fewer Crowds



Budget

Campo Grande

Largest and most biodiverse ecosystems in the world where the natural flora is in full bloom during the holiday season

Rio De Janeiro

Witness the Floating Christmas Tree at Rodrigo de Freitas Lagoon
A highlight of Rio's Christmas celebrations is the towering floating Christmas tree on Rodrigo de Freitas Lagoon.

Sao Paulo

Enjoy the festive lights, Christmas markets, concerts, and shopping malls as well as concerts and historic sites.

A Grain of Salt

Our dataset takes in all domestic flights:

- Locals vs Foreigners

Analytics

- Metrics
- Values



Data Squadron

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