

Itinerary Builder Model

Welcome. This web app is designed to calculate all available itineraries between an indicated city pair in a particular market, or between all city pairs in the market. Furthermore, it calculates the selection probability of each of the available itineraries to indicate the itinierary most likely to be chosen for the selected city pair. This can help airline management determine a market's competition to assess entry criteria.

Select City Pair

From:

ASW

▼

To:

ABS

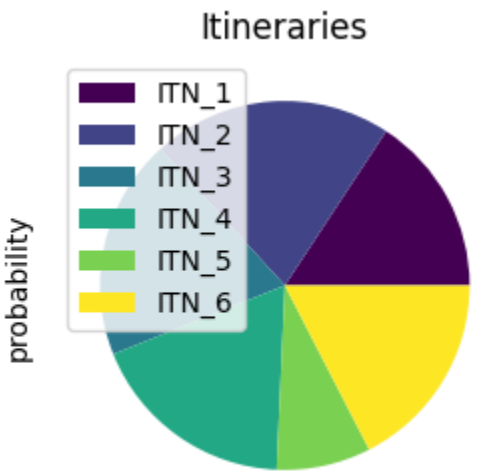
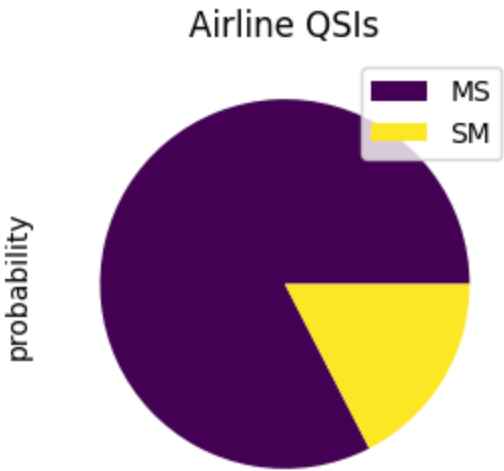
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Get Probabilities

Estimated City Pair Demand: **413**
Market HHI Score: **0.712**

Market Airlines' QSIs

Airline	Probability	QSI	Demand
MS	82.55%	0.8254603150575688	340.92
SM	17.45%	0.17453968494243124	72.08



Itinerary Scoring

prop	capacity	distance	regional	flight_path	arrive_time	service_lvl	first_layover	second_layover	itn_score
0	162	216	0	ASW -> ABS	2023-01-01 07:35:00	0	0 days 00:00:00	0 days 00:00:00	-0.5858
0	162	216	0	ASW -> ABS	2023-01-01 08:00:00	0	0 days 00:00:00	0 days 00:00:00	-0.2993
0	162	216	0	ASW -> ABS	2023-01-01 10:30:00	0	0 days 00:00:00	0 days 00:00:00	-0.3812
0	162	216	0	ASW -> ABS	2023-01-01 13:00:00	0	0 days 00:00:00	0 days 00:00:00	-0.4406
0	162	216	0	ASW -> ABS	2023-01-01 22:50:00	0	0 days 00:00:00	0 days 00:00:00	-1.2326000000000001