

Airport Airline Queries

These are example N1QL queries that may can performed to retrieve airport airline related data.

Airport Airlines by Code

Query

This query will find the available airlines by the 3 character IATA / FAA code of the airport

[airport_airlines_by_iata_code.n1ql](#)

```
1  SELECT airlines.airline_id, airlines.airline_iata, airlines.airline_icao, airlines.airli
2  FROM `flight-data` AS airport_codes
3  USE KEYS 'airport_code_GSO'
4  INNER JOIN `flight-data` AS airport_airlines
5      ON KEYS 'airport_' || TOSTRING( airport_codes.id ) || '_airlines'
6  UNNEST airport_airlines.airlines AS airlines_lookup
7  INNER JOIN `flight-data` AS airline_codes
8      ON KEYS 'airline_code_' || TOSTRING( airlines_lookup )
9  INNER JOIN `flight-data` AS airlines
10     ON KEYS 'airline_' || TOSTRING( airline_codes.id )
11  ORDER BY airlines.airline_name ASC
```

This query will find the available airlines by the 4 character ICAO code of the airport

[airport_airlines_by_icao_code.n1ql](#)

```
1  SELECT airlines.airline_id, airlines.airline_iata, airlines.airline_icao, airlines.airli
2  FROM `flight-data` AS airport_codes
3  USE KEYS 'airport_code_KGSO'
4  INNER JOIN `flight-data` AS airport_airlines
5      ON KEYS 'airport_' || TOSTRING( airport_codes.id ) || '_airlines'
6  UNNEST airport_airlines.airlines AS airlines_lookup
7  INNER JOIN `flight-data` AS airline_codes
8      ON KEYS 'airline_code_' || TOSTRING( airlines_lookup )
9  INNER JOIN `flight-data` AS airlines
10     ON KEYS 'airline_' || TOSTRING( airline_codes.id )
11  ORDER BY airlines.airline_name ASC
```

Both queries will yield the same exact result.

Result

1	[
2	{
3	"airline_iata": "AF",
4	"airline_icao": "AFR",
5	"airline_id": 137,
6	"airline_name": "Air France"
7	},
8	{
9	"airline_iata": "AS",
10	"airline_icao": "ASA",
11	"airline_id": 439,
12	"airline_name": "Alaska Airlines"
13	},
14	{
15	"airline_iata": "AZ",
16	"airline_icao": "AZA",
17	"airline_id": 596,
18	"airline_name": "Alitalia"
19	},
20	{
21	"airline_iata": "G4",
22	"airline_icao": "AAY",
23	"airline_id": 35,
24	"airline_name": "Allegiant Air"
25	},
26	{
27	"airline_iata": "AA",
28	"airline_icao": "AAL",
29	"airline_id": 24,
30	"airline_name": "American Airlines"
31	},
32	{
33	"airline_iata": "DL",
34	"airline_icao": "DAL",
35	"airline_id": 2009,
36	"airline_name": "Delta Air Lines"
37	},
38	{
39	"airline_iata": "F9",
40	"airline_icao": "FFT",
41	"airline_id": 2468,
42	"airline_name": "Frontier Airlines"

```
42     "airline_name": "Frontier Airlines",
43 },
44 {
45     "airline_iata": "KL",
46     "airline_icao": "KLM",
47     "airline_id": 3090,
48     "airline_name": "KLM Royal Dutch Airlines"
49 },
50 {
51     "airline_iata": "9E",
52     "airline_icao": "FLG",
53     "airline_id": 3976,
54     "airline_name": "Pinnacle Airlines"
55 },
56 {
57     "airline_iata": "US",
58     "airline_icao": "USA",
59     "airline_id": 5265,
60     "airline_name": "US Airways"
61 },
62 {
63     "airline_iata": "UA",
64     "airline_icao": "UAL",
65     "airline_id": 5209,
66     "airline_name": "United Airlines"
67 }
68 ]
```