

Rapport d'Analyses SQL

9 mai 2025

1. Analyse des passagers qui voyagent le plus

| First Name | Last Name | reservation_count |
|------------|-----------|-------------------|
| Inglebert | Bick | 9 |
| Tripp | Docksey | 9 |
| Mari | Raddham | 9 |
| Vivian | Tolliday | 9 |
| Darrell | Devin | 9 |
| Federica | Ronald | 9 |
| Wilt | Reames | 9 |
| Kasper | Ivamy | 9 |
| Estell | Casoni | 9 |
| Latrina | Hurne | 9 |

(a) 5–9 vols

| First Name | Last Name | reservation_count |
|------------|--------------|-------------------|
| Jeannie | Ajean | 14 |
| Lynda | Stables | 14 |
| Dick | Cattonnet | 14 |
| Maye | De Zamudio | 14 |
| Elana | Heisham | 14 |
| Guglielmo | Lerer | 14 |
| Amalia | Hotton | 14 |
| Buddie | Swepson | 14 |
| Darnall | Stollsteiner | 14 |
| Gustie | Barry | 14 |

(b) 10–14 vols

| First Name | Last Name | reservation_count |
|------------|------------|-------------------|
| Brooks | Braben | 19 |
| Cherri | Mavin | 17 |
| Giacobo | O'Crigan | 17 |
| Giovanna | McKinley | 17 |
| Con | Kaine | 17 |
| Frankie | Spurway | 16 |
| Herbert | Billingsly | 16 |
| Ahmed | Presser | 16 |
| Yehudit | Dunston | 16 |
| Bab | Ashby | 15 |

(c) > 14 vols

FIGURE 1 – Répartition des passagers par nombre de vols.

2. Compagnies aériennes avec le plus de retards (en ratio retards/vols totaux)

| Airline_Name | Total_Flights | Delayed_Flights | Delay_Rate_Per_Flight |
|-----------------------------------|---------------|-----------------|-----------------------|
| Alaska Central Express | 4 | 4 | 1.000 |
| LSM AIRLINES | 4 | 4 | 1.000 |
| Polynesian Airlines | 4 | 4 | 1.000 |
| Aero VIP (2D) | 3 | 3 | 1.000 |
| Atlasjet | 3 | 3 | 1.000 |
| Elysian Airlines | 3 | 3 | 1.000 |
| First Choice Airways | 3 | 3 | 1.000 |
| Fly Six | 3 | 3 | 1.000 |
| Gulfstream International Airlines | 3 | 3 | 1.000 |
| Turkish Wings Domestic | 3 | 3 | 1.000 |

(a) Taux de retard global

| Airport_Name | Country | Total_Flights | Delayed_Flights | Delay_Ratio |
|-------------------------------|------------|---------------|-----------------|-------------|
| Muş Airport | Turkey | 3 | 3 | 1.000 |
| Dikson Airport | Russia | 3 | 3 | 1.000 |
| Fursatganj Airport | India | 2 | 2 | 1.000 |
| Bauru - Arealva Airport | Brazil | 2 | 2 | 1.000 |
| Zahedan International Airport | Iran | 2 | 2 | 1.000 |
| Cairo West Airport | Egypt | 2 | 2 | 1.000 |
| Valence-Chabeuil Airport | France | 2 | 2 | 1.000 |
| Aloun el Atrouss Airport | Mauritania | 2 | 2 | 1.000 |
| Salem Airport | India | 2 | 2 | 1.000 |
| Grafton Airport | Australia | 2 | 2 | 1.000 |

(b) Comparaison retards/vols

FIGURE 2 – Analyse des retards par compagnie.

3. Avions (modèles) avec le plus de vols

| Aircraft_Model | Number_of_Flights |
|--------------------------------------|-------------------|
| Airbus A350 | 20 |
| Airbus A300-600 | 16 |
| Avro RJ85 | 15 |
| Fokker 50 | 15 |
| Cessna Citation II | 15 |
| Antonov An-148 | 15 |
| De Havilland Canada DHC-6 Twin Otter | 15 |
| Lockheed L-188 Electra | 14 |
| Shorts SC-5 Belfast | 14 |
| Embraer 175 (short wing) | 14 |

FIGURE 3 – Top 10 des modèles par nombre de vols.

4. Analyse des aéroports les plus fréquentés

| ID | Name | City | Country | Total_Visits | Departures | Arrivals |
|-------|---|--------------|---------------|--------------|------------|----------|
| 12050 | Huatugou Airport | Mengnai | China | 45 | 19 | 26 |
| 6238 | Barcaldine Airport | Barcaldine | Australia | 42 | 14 | 28 |
| 2440 | Islas Malvinas Airport | Rosario | Argentina | 40 | 11 | 29 |
| 5682 | Kabri Dehar Airport | Kabri Dehar | Ethiopia | 36 | 8 | 28 |
| 3707 | New River MCAS /H/ /Mccutcheon Fld/ Airport | Jacksonville | United States | 36 | 6 | 30 |
| 8996 | Gayndah Airport | Gayndah | Australia | 36 | 8 | 28 |
| 76 | St Jean Airport | St. Jean | Canada | 35 | 17 | 18 |
| 1134 | Port Said Airport | Port Said | Egypt | 34 | 9 | 25 |
| 83 | Chapleau Airport | Chapleau | Canada | 33 | 16 | 17 |
| 12618 | Goondiwindi Airport | Goondiwindi | Australia | 33 | 17 | 16 |

FIGURE 4 – Classement des aéroports par trafic total.

5. Analyse des destinations favorites des voyageurs français par pays

| Airport_Country | French_Passengers |
|-----------------|-------------------|
| United States | 202 |
| Canada | 62 |
| Australia | 49 |
| Brazil | 42 |
| Russia | 41 |
| Germany | 39 |
| France | 34 |
| China | 26 |
| United Kingdom | 26 |
| Indonesia | 22 |

FIGURE 5 – Top 10 des pays desservis pour les passagers français.

6. Distribution du nombre de réservations par tranche d'âge

| AgeGroup | <5 | 5-9 | 10-14 | >14 |
|----------|----|-----|-------|-----|
| <18 | 48 | 264 | 69 | 4 |
| >64 | 67 | 407 | 119 | 6 |
| 18-24 | 17 | 103 | 23 | 0 |
| 25-34 | 25 | 128 | 51 | 1 |
| 35-44 | 31 | 143 | 43 | 0 |
| 45-54 | 28 | 136 | 60 | 4 |
| 55-64 | 25 | 145 | 50 | 3 |

FIGURE 6 – Répartition des réservations par groupe d'âge.