

✈ Google Flights Results API

SerpApi is able to scrape, extract, and make sense of Google Flights Results.

We add them to our JSON output as the array `best_flights` and `other_flights`.

```
{  
  ...  
  "best_flights": [  
    // best_flights is not always returned  
    {  
      "flights": [  
        {  
          "departure_airport": {  
            "name": "String - Departure airport name",  
            "id": "String - Departure airport code",  
            "time": "String - Departure time"  
          },  
          "arrival_airport": {  
            "name": "String - Arrival airport name",  
            "id": "String - Arrival airport code",  
            "time": "String - Arrival time"  
          },  
          "duration": "Integer - Flight duration, in minutes",  
          "airplane": "String - Airplane model",  
          "airline": "String - Name of the airline",  
          "airline_logo": "String - URL to the logo of the airline",  
          "travel_class": "String - Travel class",  
          "flight_number": "String - The flight number",  
          "extensions": "Array - A list of flight features",  
          "ticket_also_sold_by": "Array - A list of other sellers",  
          "legroom": "String - The legroom, including unit",  
          "overnight": "Boolean - Returns 'true' if the flight is overnight",  
          "often_delayed_by_over_30_min": "Boolean - Returns 'true' if the flight is often delayed by over 30 minutes",  
          "plane_and_crew_by": "String - Information about operating airline that provided the flight"  
        }  
      ],  
      "layovers": [  
        {  
          "duration": "Integer - Duration of the layover, in minutes",  
          "name": "String - Name of the airport for the layover",  
          "id": "String - The airport code for the layover",  
          "overnight": "Boolean - Returns 'true' if the layover is overnight",  
        }  
      ],  
      "total_duration": "Integer - Total minutes of all flights and layovers",  
      "carbon_emissions": {  
        "this_flight": "Integer - The amount of carbon emissions of the flight, in grams",  
        "typical_for_this_route": "Integer - Typical amount of carbon emissions for the route",  
        "difference_percent": "Integer - The carbon emissions difference between the flight and the typical route, in percent"  
      },  
      "price": "Integer - This ticket price in the selected currency, the default currency is USD",  
      "type": "String - The type of the flight. It's a reflection of the request parameter 'type' in the search query",  
      "airline_logo": "String - URL to the logo of mixed airlines",  
      "extensions": "Array - A list of features of the entire flight",  
      "departure_token": "String - The token for retrieving returning flights when the flight is one-way",  
      "booking_token": "String - The token for retrieving booking options for selected flights",  
    }  
  ],  
  "other_flights": [  
    // The same structure as best_flights  
  ]  
}
```

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Best departing flightsRanked based on price and convenience ⓘ Prices include required taxes + fees for 1 adult. Optional charges and [bag fees](#) may apply. [Passenger assistance info.](#) [Sort by:](#) ↑

Departure · Tue, Oct 03		1106 kg CO ₂ +17% emissions	\$2,512 round trip
	3:10 PM · Beijing Capital International Airport (PEK)	Average legroom (31 in) Wi-Fi for a fee In-seat power & USB outlets On-demand video Carbon emissions estimate: 133 kg	Select flight
ANA	Travel time: 3 hr 25 min		
	7:35 PM · Haneda Airport (HND)		
ANA	ANNA · Economy · Boeing 787 · NH 962		
1 hr 30 min layover · Haneda Airport (HND)			
	9:05 PM · Haneda Airport (HND)	Above average legroom (32 in) In-seat power & USB outlets On-demand video Carbon emissions estimate: 836 kg	Select flight
ANA	Travel time: 10 hr 5 min · Overnight ▲		
	3:10 PM · Los Angeles International Airport (LAX)		
ANA	ANNA · Economy · Boeing 787 · NH 126		
3 hr 51 min layover · Los Angeles International Airport (LAX)			
	7:01 PM · Los Angeles International Airport (LAX)	Average legroom (30 in) Wi-Fi for a fee In-seat power outlet Stream media to your device Carbon emissions estimate: 135 kg	Select flight
United	Travel time: 2 hr 58 min		
	11:59 PM · Austin-Bergstrom International Airport (AUS)		
United	United · Economy · Boeing 737MAX 9 Passenger · UA 2175		

Departure · Tue, Oct 03		880 kg CO ₂ -7% emissions	\$2,513 round trip
	10:40 AM · Beijing Capital International Airport (PEK)	Above average legroom (32 in) In-seat power outlet On-demand video Carbon emissions estimate: 84 kg	Select flight
Asiana	Travel time: 2 hr 10 min		
	1:50 PM · Incheon International Airport (ICN)		
Asiana	Asiana · Economy · Airbus A330 · OZ 332		
7 hr 5 min layover · Incheon International Airport (ICN)			
	8:55 PM · Incheon International Airport (ICN)	Above average legroom (32 in) Wi-Fi for a fee In-seat power & USB outlets On-demand video Carbon emissions estimate: 619 kg	Select flight
Asiana	Travel time: 10 hr 35 min · Overnight ▲		
	3:30 PM · San Francisco International Airport (SFO)		
Asiana	Asiana · Economy · Airbus A350 · OZ 212 Often delayed by 30+ min		
16 hr 10 min layover · San Francisco International Airport (SFO) · Overnight layover ▲			
	7:40 AM · San Francisco International Airport (SFO)	Average legroom (31 in) Wi-Fi for a fee In-seat power & USB outlets Stream media to your device Carbon emissions estimate: 175 kg	Select flight
Alaska	Travel time: 3 hr 30 min		
	1:10 PM · Austin-Bergstrom International Airport (AUS)		
Alaska	Alaska · Economy · Boeing 737 · AS 512		

Departure · Tue, Oct 03		939 kg CO ₂ -1% emissions	\$2,666 round trip
	4:50 PM · Beijing Capital International Airport (PEK)	Standard recliner seat In-seat power & USB outlets On-demand video Carbon emissions estimate: 144 kg	Select flight
Asiana	Travel time: 2 hr 10 min		
	8:00 PM · Incheon International Airport (ICN)		
Asiana	Asiana · Business Class · Airbus A321 · OZ 336		
0 hr 55 min layover · Incheon International Airport (ICN)			

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	<p>Asiana · Economy · Airbus A350 · OZ 212 Often delayed by 30+ min</p> <p>16 hr 10 min layover · San Francisco International Airport (SFO) · Overnight layover ▲</p> <ul style="list-style-type: none"> ○ 7:40 AM · San Francisco International Airport (SFO) Travel time: 3 hr 30 min ○ 1:10 PM · Austin-Bergstrom International Airport (AUS) <p>Alaska · Economy · Boeing 737 · AS 512</p>	<p>Carbon emissions estimate: 619 kg</p> <p>Average legroom (31 in) Wi-Fi for a fee In-seat power & USB outlets Stream media to your device Carbon emissions estimate: 175 kg</p>
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	<p>Prices are currently high</p>	View price history ▾
---	----------------------------------	--------------------------------------

Other departing flights

	<p>Departure · Tue, Oct 03</p>	<p>949 kg CO₂ +0% emissions</p>	<p>Select flight</p>	<p>\$3,521 round trip</p>
	<ul style="list-style-type: none"> ○ 6:30 PM · Beijing Capital International Airport (PEK) Travel time: 2 hr 10 min ○ 9:40 PM · Incheon International Airport (ICN) <p>Korean Air · Economy · Boeing 737MAX 8 Passenger · KE 860</p> <p>11 hr 40 min layover · Incheon International Airport (ICN) · Overnight layover ▲</p>	<p>Average legroom (31 in) Wi-Fi for a fee In-seat power & USB outlets Stream media to your device Carbon emissions estimate: 81 kg</p>		^
	<ul style="list-style-type: none"> ○ 9:20 AM · Incheon International Airport (ICN) Travel time: 12 hr 40 min · Overnight ▲ ○ 8:00 AM · Dallas/Fort Worth International Airport (DFW) <p>Korean Air · Economy · Boeing 787 · KE 31</p> <p>1 hr 35 min layover · Dallas/Fort Worth International Airport (DFW)</p>	<p>Above average legroom (33 in) In-seat power & USB outlets On-demand video Carbon emissions estimate: 807 kg</p>		
	<ul style="list-style-type: none"> ○ 9:35 AM · Dallas/Fort Worth International Airport (DFW) Travel time: 1 hr 5 min ○ 10:40 AM · Austin-Bergstrom International Airport (AUS) <p>American · Economy · Embraer 175 · AA 3489</p>	<p>Average legroom (30 in) Wi-Fi for a fee In-seat power & USB outlets Stream media to your device Carbon emissions estimate: 60 kg</p>		
	<p>Departure · Tue, Oct 03</p>	<p>1146 kg CO₂ +21% emissions</p>	<p>Select flight</p>	<p>\$3,521 round trip</p>
	<ul style="list-style-type: none"> ○ 6:30 PM · Beijing Capital International Airport (PEK) Travel time: 2 hr 10 min ○ 9:40 PM · Incheon International Airport (ICN) <p>Korean Air · Economy · Boeing 737MAX 8 Passenger · KE 860</p> <p>11 hr 40 min layover · Incheon International Airport (ICN) · Overnight layover ▲</p>	<p>Average legroom (31 in) Wi-Fi for a fee In-seat power & USB outlets Stream media to your device Carbon emissions estimate: 81 kg</p>		^
	<ul style="list-style-type: none"> ○ 9:20 AM · Incheon International Airport (ICN) Travel time: 13 hr 30 min · Overnight ▲ ○ 9:50 AM · Hartsfield-Jackson Atlanta International Airport (ATL) <p>Korean Air · Economy · Boeing 747 · KE 35</p> <p>3 hr 9 min layover · Hartsfield-Jackson Atlanta International Airport (ATL)</p>	<p>Above average legroom (33 in) In-seat power & USB outlets On-demand video Carbon emissions estimate: 954 kg</p>		
	<ul style="list-style-type: none"> ○ 12:59 PM · Hartsfield-Jackson Atlanta International Airport (ATL) Travel time: 2 hr 19 min ○ 2:18 PM · Austin-Bergstrom International Airport (AUS) <p>Delta · Economy · Airbus A321 · DL 1384</p>	<p>Average legroom (31 in) Free Wi-Fi In-seat power & USB outlets Live TV Carbon emissions estimate: 109 kg</p>		

```
1 | https://serpapi.com/search.json?  
  engine=google_flights&departure_id=PEK&arrival_id=AUS&outbound_date=2025-  
  10-11&return_date=2025-10-17&currency=USD&hl=en
```

Code to integrate

Ruby

```
1 | require "serpapi"  
2 |  
3 | client = SerpApi::Client.new(  
4 |   engine: "google_flights",  
5 |   departure_id: "PEK",  
6 |   arrival_id: "AUS",  
7 |   outbound_date: "2025-10-11",  
8 |   return_date: "2025-10-17",  
9 |   currency: "USD",  
10 |  hl: "en",  
11 |  api_key: "secret_api_key"  
12 |)  
13 |  
14 | results = client.search
```

JSON Example



```
{  
  "flights": [  
    {  
      "departure_airport": {  
        "name": "Beijing Capital International Airport",  
        "id": "PEK",  
        "time": "2023-10-03 15:10"  
      },  
      "arrival_airport": {  
        "name": "Haneda Airport",  
        "id": "HND",  
        "time": "2023-10-03 19:35"  
      },  
      "duration": 205,  
      "airplane": "Boeing 787",  
      "airline": "ANA",  
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/NH.png",  
      "travel_class": "Economy",  
      "flight_number": "NH 962",  
      "legroom": "31 in",  
      "extensions": [  
        "Average legroom (31 in)",  
        "Wi-Fi for a fee",  
        "In-seat power & USB outlets",  
        "On-demand video",  
        "Carbon emissions estimate: 133 kg"  
      ]  
    },  
    {  
      "departure_airport": {  
        "name": "Haneda Airport",  
        "id": "HND",  
        "time": "2023-10-03 21:05"  
      },  
      "arrival_airport": {  
        "name": "Los Angeles International Airport",  
        "id": "LAX",  
        "time": "2023-10-03 15:10"  
      },  
      "duration": 605,  
      "airplane": "Boeing 787",  
      "airline": "ANA",  
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/NH.png",  
      "travel_class": "Economy",  
      "flight_number": "NH 126",  
      "ticket_also_sold_by": [  
        "United"  
      ],  
      "legroom": "32 in",  
      "extensions": [  
        "Above average legroom (32 in)",  
        "In-seat power & USB outlets",  
        "On-demand video",  
        "Carbon emissions estimate: 836 kg"  
      ],  
      "overnight": true  
    }  
  ]  
}
```

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```
        "name": "Los Angeles International Airport",
        "id": "LAX",
        "time": "2023-10-03 19:01"
    },
    "arrival_airport": {
        "name": "Austin-Bergstrom International Airport",
        "id": "AUS",
        "time": "2023-10-03 23:59"
    },
    "duration": 178,
    "airplane": "Boeing 737MAX 9 Passenger",
    "airline": "United",
    "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/UA.png",
    "travel_class": "Economy",
    "flight_number": "UA 2175",
    "legroom": "30 in",
    "extensions": [
        "Average legroom (30 in)",
        "Wi-Fi for a fee",
        "In-seat power outlet",
        "Stream media to your device",
        "Carbon emissions estimate: 135 kg"
    ]
}
],
"layovers": [
{
    "duration": 90,
    "name": "Haneda Airport",
    "id": "HND"
},
{
    "duration": 231,
    "name": "Los Angeles International Airport",
    "id": "LAX"
}
],
"total_duration": 1309,
"carbon_emissions": {
    "this_flight": 1106000,
    "typical_for_this_route": 949000,
    "difference_percent": 17
},
"price": 2512,
"type": "Round trip",
"airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/multi.png",
"departure_token": "W1siUEVLIiwimjAyMy0xMC0wMyIsIkhORCIIsbnVsbCwiTkgiLCI5NjIiXSxI",
},
{
    "flights": [
{
        "departure_airport": {
            "name": "Beijing Capital International Airport",
            "id": "PEK",
            "time": "2023-10-03 10:40"
        },
        "arrival_airport": {
            "name": "Los Angeles International Airport",
            "id": "LAX",
            "time": "2023-10-03 19:01"
        }
    }
]
```

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```
    "time": "2023-10-03 15:30",
},
"duration": 130,
"airplane": "Airbus A330",
"airline": "Asiana",
"airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/0Z.png",
"travel_class": "Economy",
"flight_number": "OZ 332",
"legroom": "32 in",
"extensions": [
    "Above average legroom (32 in)",
    "In-seat power outlet",
    "On-demand video",
    "Carbon emissions estimate: 84 kg"
],
},
{
"departure_airport": {
    "name": "Incheon International Airport",
    "id": "ICN",
    "time": "2023-10-03 20:55"
},
"arrival_airport": {
    "name": "San Francisco International Airport",
    "id": "SFO",
    "time": "2023-10-03 15:30"
},
"duration": 635,
"airplane": "Airbus A350",
"airline": "Asiana",
"airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/0Z.png",
"travel_class": "Economy",
"flight_number": "OZ 212",
"legroom": "32 in",
"extensions": [
    "Above average legroom (32 in)",
    "Wi-Fi for a fee",
    "In-seat power & USB outlets",
    "On-demand video",
    "Carbon emissions estimate: 619 kg"
],
"overnight": true,
"often_delayed_by_over_30_min": true
},
{
"departure_airport": {
    "name": "San Francisco International Airport",
    "id": "SFO",
    "time": "2023-10-04 07:40"
},
"arrival_airport": {
    "name": "Austin-Bergstrom International Airport",
    "id": "AUS",
    "time": "2023-10-04 13:10"
},
"duration": 210,
```

```
        "travel_class": "Economy",
        "flight_number": "AS 512",
        "legroom": "31 in",
        "extensions": [
            "Average legroom (31 in)",
            "Wi-Fi for a fee",
            "In-seat power & USB outlets",
            "Stream media to your device",
            "Carbon emissions estimate: 175 kg"
        ]
    }
],
"layovers": [
{
    "duration": 425,
    "name": "Incheon International Airport",
    "id": "ICN"
},
{
    "duration": 970,
    "name": "San Francisco International Airport",
    "id": "SFO",
    "overnight": true
}
],
"total_duration": 2370,
"carbon_emissions": {
    "this_flight": 880000,
    "typical_for_this_route": 949000,
    "difference_percent": -7
},
"price": 2513,
"type": "Round trip",
"airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/multi.png",
"departure_token": "W1siUEVLIiwimjAyMy0xMC0wMyIsIkldTiIsbnVsbCwiT1oiLCIzMzIiXSxI",
},
...
],
"other_flights": [
{
    "flights": [
{
        "departure_airport": {
            "name": "Beijing Capital International Airport",
            "id": "PEK",
            "time": "2023-10-03 18:30"
        },
        "arrival_airport": {
            "name": "Incheon International Airport",
            "id": "ICN",
            "time": "2023-10-03 21:40"
        },
        "duration": 130,
        "airplane": "Boeing 737MAX 8 Passenger",
        "airline": "Korean Air",
        "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/KE.png"
    }
]
}
```

```
extensions : [
    "Average legroom (31 in)",
    "Wi-Fi for a fee",
    "In-seat power & USB outlets",
    "Stream media to your device",
    "Carbon emissions estimate: 81 kg"
],
},
{
  "departure_airport": {
    "name": "Incheon International Airport",
    "id": "ICN",
    "time": "2023-10-04 09:20"
  },
  "arrival_airport": {
    "name": "Dallas/Fort Worth International Airport",
    "id": "DFW",
    "time": "2023-10-04 08:00"
  },
  "duration": 760,
  "airplane": "Boeing 787",
  "airline": "Korean Air",
  "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/KE.png",
  "travel_class": "Economy",
  "flight_number": "KE 31",
  "legroom": "33 in",
  "extensions": [
    "Above average legroom (33 in)",
    "In-seat power & USB outlets",
    "On-demand video",
    "Carbon emissions estimate: 807 kg"
  ],
  "overnight": true
},
{
  "departure_airport": {
    "name": "Dallas/Fort Worth International Airport",
    "id": "DFW",
    "time": "2023-10-04 09:35"
  },
  "arrival_airport": {
    "name": "Austin-Bergstrom International Airport",
    "id": "AUS",
    "time": "2023-10-04 10:40"
  },
  "duration": 65,
  "airplane": "Embraer 175",
  "airline": "American",
  "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AA.png",
  "travel_class": "Economy",
  "flight_number": "AA 3489",
  "legroom": "30 in",
  "extensions": [
    "Average legroom (30 in)",
    "Wi-Fi for a fee",
    "In-seat power & USB outlets"
  ]
}
```

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```
        },
    ],
    "layovers": [
        {
            "duration": 700,
            "name": "Incheon International Airport",
            "id": "ICN",
            "overnight": true
        },
        {
            "duration": 95,
            "name": "Dallas/Fort Worth International Airport",
            "id": "DFW"
        }
    ],
    "total_duration": 1750,
    "carbon_emissions": {
        "this_flight": 949000,
        "typical_for_this_route": 949000,
        "difference_percent": 0
    },
    "price": 3521,
    "type": "Round trip",
    "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/multi.png",
    "departure_token": "W1siUEVLIiwimjAyMy0xMC0wMyIsIkldTiIsbnVsbCwiS0UiLCI4NjAiXSxI",
},
...
],
...
}
```

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Departing flights

 Departure · Thu, Oct 26	2324 kg CO ₂ -19% emissions	\$10,474 round trip
<ul style="list-style-type: none"> ○ 12:40 AM · Beijing Capital International Airport (PEK) Travel time: 8 hr 20 min · Overnight ▲ ○ 5:00 AM · Dubai International Airport (DXB) <p>Emirates · First Class · Airbus A380 · EK 307</p>		Individual suite Wi-Fi for a fee In-seat power & USB outlets On-demand video Carbon emissions estimate: 2058 kg
7 hr 0 min layover · Dubai International Airport (DXB)		
<ul style="list-style-type: none"> ○ 12:00 PM · Dubai International Airport (DXB) Travel time: 4 hr 55 min ○ 3:55 PM · Istanbul Airport (IST) <p>flydubai · Business Class · Boeing 737MAX 8 Passenger · FZ 727</p>		Lie flat seat In-seat power & USB outlets On-demand video Carbon emissions estimate: 264 kg
 Departure · Thu, Oct 26	2324 kg CO ₂ -19% emissions	\$10,474 round trip
<ul style="list-style-type: none"> ○ 7:25 AM · Beijing Capital International Airport (PEK) Travel time: 8 hr 10 min ○ 11:35 AM · Dubai International Airport (DXB) <p>Emirates · First Class · Airbus A380 · EK 309 Often delayed by 30+ min</p>		Individual suite Wi-Fi for a fee In-seat power & USB outlets On-demand video Carbon emissions estimate: 2058 kg
9 hr 25 min layover · Dubai International Airport (DXB)		
<ul style="list-style-type: none"> ○ 9:00 PM · Dubai International Airport (DXB) Travel time: 4 hr 55 min ○ 12:55 AM · Istanbul Airport (IST) <p>flydubai · Business Class · Boeing 737MAX 8 Passenger · FZ 755</p>		Lie flat seat In-seat power & USB outlets On-demand video Carbon emissions estimate: 264 kg

</> GET

```
1 | https://serpapi.com/search.json?
  engine=google_flights&departure_id=PEK&arrival_id=IST&outbound_date=2025-
  10-11&return_date=2025-10-17&travel_class=4&currency=USD&hl=en
```

</> Code to integrate

Ruby

```
3 client = SerpApiClient.new
4   engine: "google_flights",
5   departure_id: "PEK",
6   arrival_id: "IST",
7   outbound_date: "2025-10-11",
8   return_date: "2025-10-17",
9   travel_class: "4",
10  currency: "USD",
11  hl: "en",
12  api_key: "secret_api_key"
13 )
14
15 results = client.search
```

{ } JSON Example



```
{  
  "flights": [  
    {  
      "departure_airport": {  
        "name": "Beijing Capital International Airport",  
        "id": "PEK",  
        "time": "2023-10-26 00:40"  
      },  
      "arrival_airport": {  
        "name": "Dubai International Airport",  
        "id": "DXB",  
        "time": "2023-10-26 05:00"  
      },  
      "duration": 500,  
      "airplane": "Airbus A380",  
      "airline": "Emirates",  
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/EK.png",  
      "travel_class": "First Class",  
      "flight_number": "EK 307",  
      "extensions": [  
        "Individual suite",  
        "Wi-Fi for a fee",  
        "In-seat power & USB outlets",  
        "On-demand video",  
        "Carbon emissions estimate: 2058 kg"  
      ],  
      "overnight": true  
    },  
    {  
      "departure_airport": {  
        "name": "Dubai International Airport",  
        "id": "DXB",  
        "time": "2023-10-26 12:00"  
      },  
      "arrival_airport": {  
        "name": "Istanbul Airport",  
        "id": "IST",  
        "time": "2023-10-26 15:55"  
      },  
      "duration": 295,  
      "airplane": "Boeing 737MAX 8 Passenger",  
      "airline": "flydubai",  
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/FZ.png",  
      "travel_class": "Business Class",  
      "flight_number": "FZ 727",  
      "ticket_also_sold_by": [  
        "Emirates"  
      ],  
      "extensions": [  
        "Lie flat seat",  
        "In-seat power & USB outlets",  
        "On-demand video",  
        "Carbon emissions estimate: 264 kg"  
      ]  
    },  
  ]  
}
```

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```
        "name": "Dubai International Airport",
        "id": "DXB"
    },
],
"total_duration": 1215,
"carbon_emissions": {
    "this_flight": 2324000,
    "typical_for_this_route": 2861000,
    "difference_percent": -19
},
"price": 10474,
"type": "Round trip",
"airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/multi.png",
"departure_token": "W1siUEVLIwiMjAyMy0xMC0yNiIsIkRYQiIsbnVsbCwiRUsiLCIzMDciXSxI",
},
{
"flights": [
{
"departure_airport": {
    "name": "Beijing Capital International Airport",
    "id": "PEK",
    "time": "2023-10-26 07:25"
},
"arrival_airport": {
    "name": "Dubai International Airport",
    "id": "DXB",
    "time": "2023-10-26 11:35"
},
"duration": 490,
"airplane": "Airbus A380",
"airline": "Emirates",
"airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/EK.png",
"travel_class": "First Class",
"flight_number": "EK 309",
"extensions": [
    "Individual suite",
    "Wi-Fi for a fee",
    "In-seat power & USB outlets",
    "On-demand video",
    "Carbon emissions estimate: 2058 kg"
],
"often_delayed_by_over_30_min": true
},
{
"departure_airport": {
    "name": "Dubai International Airport",
    "id": "DXB",
    "time": "2023-10-26 21:00"
},
"arrival_airport": {
    "name": "Istanbul Airport",
    "id": "IST",
    "time": "2023-10-27 00:55"
},
"duration": 295,
"airplane": "Boeing 737MAX 8 Passenger",
}
```

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```
    "flight_number": "FZ 755",
    "ticket_also_sold_by": [
        "Emirates"
    ],
    "extensions": [
        "Lie flat seat",
        "In-seat power & USB outlets",
        "On-demand video",
        "Carbon emissions estimate: 264 kg"
    ]
},
],
"layovers": [
{
    "duration": 565,
    "name": "Dubai International Airport",
    "id": "DXB"
},
],
"total_duration": 1350,
"carbon_emissions": {
    "this_flight": 2324000,
    "typical_for_this_route": 2861000,
    "difference_percent": -19
},
"price": 10474,
"type": "Round trip",
"airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/multi.png",
"departure_token": "W1siUEVLIiwIMjAyMy0xMC0yNiIsIkRYQiIsbnVsbCwiRUsiLCIzMDkiXSxI",
},
...
],
...
}
```

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Best returning flights

Ranked based on price and convenience ⓘ Prices include required taxes + fees for 1 adult. Optional charges and [bag fees](#) may apply. [Passenger assistance](#) info. [Sort by:](#) ↕

 Departure · Sat, Oct 07	808 kg CO ₂ +31% emissions	\$1,862 round trip
<ul style="list-style-type: none"> ○ 1:05 PM · Los Angeles International Airport (LAX) ○ Travel time: 11 hr 35 min ○ 4:40 PM · Narita International Airport (NRT) <p>JAL · Economy · Boeing 787 · JL 61</p>	<p>Above average legroom (33 in) Wi-Fi for a fee In-seat power & USB outlets On-demand video Carbon emissions estimate: 807 kg</p>	
 Departure · Sat, Oct 07	703 kg CO ₂ +14% emissions	\$1,935 round trip
<ul style="list-style-type: none"> ○ 9:00 AM · Los Angeles International Airport (LAX) ○ Travel time: 1 hr 34 min ○ 10:34 AM · San Francisco International Airport (SFO) <p>American · Economy · Embraer 175 · AA 4885</p> <p>3 hr 6 min layover · San Francisco International Airport (SFO)</p> <ul style="list-style-type: none"> ○ 1:40 PM · San Francisco International Airport (SFO) ○ Travel time: 11 hr 5 min ○ 4:45 PM · Narita International Airport (NRT) <p>JAL · Economy · Boeing 787 · JL 57</p>	<p>Average legroom (30 in) Wi-Fi for a fee In-seat power & USB outlets Stream media to your device Carbon emissions estimate: 82 kg</p> <p>Above average legroom (33 in) Wi-Fi for a fee In-seat power & USB outlets On-demand video Carbon emissions estimate: 619 kg</p>	

Other returning flights

 Departure · Sat, Oct 07	973 kg CO ₂ +58% emissions	\$1,736 round trip
<ul style="list-style-type: none"> ○ 5:15 PM · Los Angeles International Airport (LAX) ○ Travel time: 2 hr 53 min ○ 8:08 PM · Seattle-Tacoma International Airport (SEA) <p>American · Economy · Embraer 175 · AA 4868</p> <p>17 hr 22 min layover · Seattle-Tacoma International Airport (SEA) · Overnight layover ▲</p> <ul style="list-style-type: none"> ○ 1:30 PM · Seattle-Tacoma International Airport (SEA) ○ Travel time: 10 hr 55 min ○ 4:25 PM · Narita International Airport (NRT) <p>JAL · Economy · Boeing 767 · JL 67</p>	<p>Average legroom (30 in) Wi-Fi for a fee In-seat power & USB outlets Stream media to your device Carbon emissions estimate: 158 kg</p> <p>Above average legroom (33 in) Wi-Fi for a fee In-seat power & USB outlets On-demand video Carbon emissions estimate: 814 kg</p>	

↔ GET

```
1 | https://serpapi.com/search.json?
  engine=google_flights&departure_id=NRT&arrival_id=LAX&outbound_date=2025-
  10-11&return_date=2025-10-
  17&departure_token=WyJDalJJTVUxUmFYaGFabWR0ZEhkQlJGUxpTM2RDUnkwdExTMHRMUzB6
```

↔ Code to integrate

Ruby

```
3 | client = SerpApiClient()
4 |     engine: "google_flights",
5 |     departure_id: "NRT",
6 |     arrival_id: "LAX",
7 |     outbound_date: "2025-10-11",
8 |     return_date: "2025-10-17",
9 |     departure_token:
10|      "WyJDalJJTVxUmFYaGFabWR0ZEhkQlJGUxPtm2RDUnkwdExTMHRMUzB0TFhCbWEzTXhNMEZCU\"
11|      currency: "USD",
12|      hl: "en",
13|      api_key: "secret_api_key"
14|
15| results = client.search
```

{ } JSON Example



```
{  
  "flights": [  
    {  
      "departure_airport": {  
        "name": "Los Angeles International Airport",  
        "id": "LAX",  
        "time": "2023-10-07 13:05"  
      },  
      "arrival_airport": {  
        "name": "Narita International Airport",  
        "id": "NRT",  
        "time": "2023-10-08 16:40"  
      },  
      "duration": 695,  
      "airplane": "Boeing 787",  
      "airline": "JAL",  
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/JL.png",  
      "travel_class": "Economy",  
      "flight_number": "JL 61",  
      "ticket_also_sold_by": [  
        "American",  
        "Alaska"  
      ],  
      "legroom": "33 in",  
      "extensions": [  
        "Above average legroom (33 in)",  
        "Wi-Fi for a fee",  
        "In-seat power & USB outlets",  
        "On-demand video",  
        "Carbon emissions estimate: 807 kg"  
      ]  
    }  
  ],  
  "total_duration": 695,  
  "carbon_emissions": {  
    "this_flight": 808000,  
    "typical_for_this_route": 615000,  
    "difference_percent": 31  
  },  
  "price": 1862,  
  "type": "Round trip",  
  "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/JL.png",  
  "booking_token": "WyJDalJJTVUxUmFYaGFabWR0ZEhkQlJGUxpTM2RDUnkwdExTMHRMUzB0TFhCbV  
},  
...  
],  
"other_flights": [  
  {  
    "flights": [  
      {  
        "departure_airport": {  
          "name": "Los Angeles International Airport",  
          "id": "LAX",  
          "time": "2023-10-07 17:15"  
        },  
        "arrival_airport": {  
          "name": "Narita International Airport",  
          "id": "NRT",  
          "time": "2023-10-08 20:55"  
        }  
      }  
    ]  
  }  
]
```

```
        },
        "duration": 173,
        "airplane": "Embraer 175",
        "airline": "American",
        "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AA.png",
        "travel_class": "Economy",
        "flight_number": "AA 4868",
        "legroom": "30 in",
        "extensions": [
            "Average legroom (30 in)",
            "Wi-Fi for a fee",
            "In-seat power & USB outlets",
            "Stream media to your device",
            "Carbon emissions estimate: 158 kg"
        ]
    },
    {
        "departure_airport": {
            "name": "Seattle-Tacoma International Airport",
            "id": "SEA",
            "time": "2023-10-08 13:30"
        },
        "arrival_airport": {
            "name": "Narita International Airport",
            "id": "NRT",
            "time": "2023-10-09 16:25"
        },
        "duration": 655,
        "airplane": "Boeing 767",
        "airline": "JAL",
        "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/JL.png",
        "travel_class": "Economy",
        "flight_number": "JL 67",
        "ticket_also_sold_by": [
            "American"
        ],
        "legroom": "33 in",
        "extensions": [
            "Above average legroom (33 in)",
            "Wi-Fi for a fee",
            "In-seat power & USB outlets",
            "On-demand video",
            "Carbon emissions estimate: 814 kg"
        ]
    }
],
"layovers": [
{
    "duration": 1042,
    "name": "Seattle-Tacoma International Airport",
    "id": "SEA",
    "overnight": true
}
],
"total_duration": 1870,
"carbon_emissions": {
```

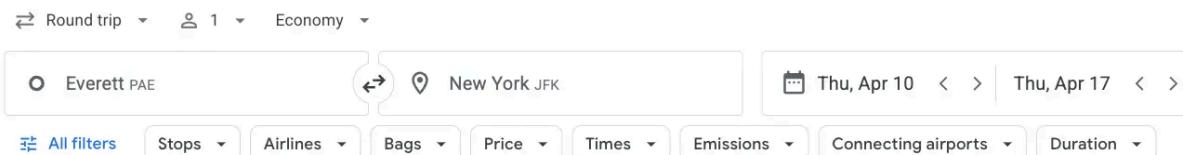
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```

        },
        "price": 1736,
        "type": "Round trip",
        "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/multi.png",
        "booking_token": "WyJDalJJTVUxUmFYaGFabWR0ZEhkQlJGUxpTM2RDUnkwdExTMHRMUzB0TFhCbI
    },
    ...
],
...
}

```

Example for flights with "Plane and crew by ..." information



Best departing flights

Ranked based on price and convenience ⓘ Prices include required taxes + fees for 1 adult. Optional charges and [bag fees](#) may apply.
[Passenger assistance](#) info.

Sorted by top flights ↑

Departure · Thu, Apr 10		572 kg CO ₂ +92% emissions ⓘ	\$618 round trip
	2:49 PM · Paine Field (PAE)	Average legroom (31 in) Wi-Fi for a fee Stream media to your device Carbon emissions estimate: 159 kg	Select flight
	Travel time: 2 hr 8 min		
	4:57 PM · San Francisco International Airport (SFO)		
	Alaska · Economy · Embraer 175 · AS 2334 Plane and crew by Horizon Air as Alaska Horizon		
3 hr 2 min layover · San Francisco International Airport (SFO)			
	7:59 PM · San Francisco International Airport (SFO)	Average legroom (31 in) Wi-Fi for a fee Stream media to your device Carbon emissions estimate: 119 kg	
	Travel time: 1 hr 39 min		
	9:38 PM · San Diego International Airport (SAN)		
	Alaska · Economy · Embraer 175 · AS 3455 Plane and crew by SkyWest Airlines as Alaska SkyWest		
1 hr 1 min layover · San Diego International Airport (SAN)			
	10:39 PM · San Diego International Airport (SAN)	Average legroom (31 in) Wi-Fi for a fee In-seat power & USB outlets Stream media to your device Carbon emissions estimate: 292 kg	
	Travel time: 5 hr 20 min · Overnight ▲		
	6:59 AM · John F. Kennedy International Airport (JFK)		
	Alaska · Economy · Boeing 737 · AS 36		
Checked baggage for a fee Bag and fare conditions depend on the return flight			

```
1 | https://serpapi.com/search.json?  
  engine=google_flights&departure_id=PAE&arrival_id=JFK&outbound_date=2025-  
  10-11&return_date=2025-10-17&currency=USD&hl=en
```

Code to integrate

Ruby

```
1 | require "serpapi"  
2 |  
3 | client = SerpApi::Client.new(  
4 |   engine: "google_flights",  
5 |   departure_id: "PAE",  
6 |   arrival_id: "JFK",  
7 |   outbound_date: "2025-10-11",  
8 |   return_date: "2025-10-17",  
9 |   currency: "USD",  
10 |  hl: "en",  
11 |  api_key: "secret_api_key"  
12 |)  
13 |  
14 | results = client.search
```

JSON Example



```
{  
  "flights": [  
    {  
      "departure_airport": {  
        "name": "Paine Field",  
        "id": "PAE",  
        "time": "2025-04-10 14:49"  
      },  
      "arrival_airport": {  
        "name": "San Francisco International Airport",  
        "id": "SFO",  
        "time": "2025-04-10 16:57"  
      },  
      "duration": 128,  
      "airplane": "Embraer 175",  
      "airline": "Alaska",  
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AS.png",  
      "travel_class": "Economy",  
      "flight_number": "AS 2334",  
      "ticket_also_sold_by": [  
        "Hawaiian"  
      ],  
      "legroom": "31 in",  
      "extensions": [  
        "Average legroom (31 in)",  
        "Wi-Fi for a fee",  
        "Stream media to your device",  
        "Carbon emissions estimate: 159 kg"  
      ],  
      "plane_and_crew_by": "Horizon Air as Alaska Horizon"  
    },  
    {  
      "departure_airport": {  
        "name": "San Francisco International Airport",  
        "id": "SFO",  
        "time": "2025-04-10 19:59"  
      },  
      "arrival_airport": {  
        "name": "San Diego International Airport",  
        "id": "SAN",  
        "time": "2025-04-10 21:38"  
      },  
      "duration": 99,  
      "airplane": "Embraer 175",  
      "airline": "Alaska",  
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AS.png",  
      "travel_class": "Economy",  
      "flight_number": "AS 3455",  
      "ticket_also_sold_by": [  
        "Hawaiian"  
      ],  
      "legroom": "31 in",  
      "extensions": [  
        "Average legroom (31 in)",  
        "Wi-Fi for a fee",  
        "Stream media to your device",  
        "Carbon emissions estimate: 159 kg"  
      ]  
    }  
  ]  
}
```

```
        },
        {
          "departure_airport": {
            "name": "San Diego International Airport",
            "id": "SAN",
            "time": "2025-04-10 22:39"
          },
          "arrival_airport": {
            "name": "John F. Kennedy International Airport",
            "id": "JFK",
            "time": "2025-04-11 06:59"
          },
          "duration": 320,
          "airplane": "Boeing 737",
          "airline": "Alaska",
          "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AS.png",
          "travel_class": "Economy",
          "flight_number": "AS 36",
          "ticket_also_sold_by": [
            "Hawaiian"
          ],
          "legroom": "31 in",
          "extensions": [
            "Average legroom (31 in)",
            "Wi-Fi for a fee",
            "In-seat power & USB outlets",
            "Stream media to your device",
            "Carbon emissions estimate: 292 kg"
          ],
          "overnight": true
        }
      ],
      "layovers": [
        {
          "duration": 182,
          "name": "San Francisco International Airport",
          "id": "SFO"
        },
        {
          "duration": 61,
          "name": "San Diego International Airport",
          "id": "SAN"
        }
      ],
      "total_duration": 790,
      "carbon_emissions": {
        "this_flight": 572000,
        "typical_for_this_route": 298000,
        "difference_percent": 92
      },
      "price": 618,
      "type": "Round trip",
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AS.png",
      "extensions": [
        "Checked baggage for a fee",
        "Bag and fare conditions depend on the return flight"
      ]
    }
  ]
}
```

```
    ...  
],  
...  
}
```

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