

Getting Started

- 1 Go to [developers.amadeus.com](#) and click on Register
- 2 Verify your account and Sign in
- 3 Go to My Self-Service Workspace and Create a new app
- 4 Get your API Key and the API Secret linked to your app
- 5 Request an access token (see Requesting an access token [1])
- 6 Call the APIs by adding the header:

Authorization: Bearer access_token

Check out our libraries on GitHub:



Requesting an access token

Send a POST request to:

https://test.api.amadeus.com/v1/security/oauth2/token

Adding the header:

Content-Type: application/x-www-form-urlencoded

And the body:

grant_type=client_credentials&client_id=API_Key&client_secret=API_Secret

Response: access_token (Note: valid for 30 minutes)

Air

Get rich flight information for inspiration, search and booking.

Flight Availabilities Search	How many seats are still available on this flight?
POST /v1/shopping/availability/flight-availabilities	
Flight Inspiration Search	What are the cheapest places to fly to from Boston?
GET /v1/shopping/flight-destinations	
?origin=BOS	
Flight Cheapest Date Search	What are the cheapest dates to fly from Munich to São Paulo?
GET /v1/shopping/flight-dates	
?origin=MUC&destination=SAO	
Flight Offers Search	What are the cheapest flights from Madrid to Paris on June 1st?
POST /v2/shopping/flight-offers	
GET /v2/shopping/flight-offers	
?originLocationCode=MAD&destinationLocationCode=PAR&departureDate=2020-06-01&adults=2	
Flight Offers Price	I've found a flight I like, now confirm that it's still available at that price.
POST /v1/shopping/flight-offers/pricing	
Flight Create Orders	Everything looks good, now I want to book this flight.
POST /v1/booking/flight-orders	
Flight Most Booked Destinations	Which destinations are most frequently booked by travelers in New Delhi?
GET /v1/travel/analitics/air-traffic/booked	
?origin=CityCode=DEL&period=2018-01	
Flight Most Traveled Destinations	Where do people usually fly to from New York City?
GET /v1/travel/analitics/air-traffic/traveled	
?origin=CityCode=NYC&period=2018-01	
Flight Busiest Traveling Period	When do most people travel to/from Vancouver?
GET /v1/travel/analitics/air-traffic/busiest-period	
?cityCode=VAN&period=2017&direction=ARRIVING	
SeatMap Display	Which seat should I choose for my flight?
POST /v1/shopping/seatmaps	
GET /v1/shopping/seatmaps	
?flight-orderId=32109C0P%cooAAAX&ad=	

Branded Fares Upsell	What branded fares are available on this flight?
POST /v1/shopping/flight-offers/upselling	
Flight Check-in Links	Where do I go to do my online check-in?
GET /v2/reference-data/urls/checkin-links	
?airlineCode=9A	
Airport Nearest Relevant	What are the nearest major airports to these coordinates?
GET /v1/reference-data/locations/airports	
?latitude=49.0000&longitude=2.55	
Airport & City Search	When user types 'Mad' in the search field, I want to suggest 'Madrid' as an option.
GET /v1/reference-data/locations	
?subType=AIRPORT,CITY&keyword=mad	
GET /v1/reference-data/locations/(locationId)	
/CND	
Airline Code Lookup	What is the name of the airline with IATA code EK?
GET /v1/reference-data/airlines	
?airlineCode=BA	
Flight Choice Prediction	Which of these flights will travelers most likely choose?
POST /v2/shopping/flight-offers/prediction	
Flight Delay Prediction	What's the likelihood that this flight will be delayed, and by how long?
GET /v1/travel/predictions/flight-delay	
?originLocationCode=MCE&destinationLocationCode=IST&departureDate=2020-08-01&departureTime=16:20:00&arrivalDate=2020-08-01&arrivalTime=22:15:00&aircraftCode=321&carrierCode=TK&flightNumber=181&duration=PT33IDQM	
Airport On-Time Performance	What's the likelihood that flights from this airport will leave on time?
GET /v1/airport/predictions/on-time	
?airportCode=JFK&departureDate=2020-09-01	

Hotel

Search and book hotels from a wide range of top providers.

Hotel Search	What are the best hotel deals during my trip?
GET /v2/shopping/hotel-offers	
?cityCode=LON	
GET /v2/shopping/hotel-offers/by-hotel	
?hotelId={hotelId}	
GET /v2/shopping/hotel-offers/{offerId}	

Hotel Ratings	How do other travelers rate this hotel?
GET /v2/e-reputation/hotel-sentiments	
?hotelId=TELEONWS_ANNYCCTB	
Hotel Booking	I've found the hotel I want, now I want to make a reservation.
POST /v1/booking/hotel-bookings	

Destination Content

Add destination content to help users get the most out of their trips.

Points of Interest	What are the best places to visit during my trip to Barcelona?
GET /v1/reference-data/locations/pois	
?latitude=41.397158&longitude=2.168873	
GET /v1/reference-data/locations/pois/by-square	
?north=41.397158&west=2.168873&south=41.394582&east=2.177181	
GET /v1/reference-data/locations/pois/v/{poisId}	
Safe Place	How safe is this area?
GET /v1/safety/safety-rated-locations	
?latitude=41.397158&longitude=2.168873	
GET /v1/safety/safety-rated-locations/by-square	
?north=43.645218&west=7.182918&south=43.760768&east=7.323896	
GET /v1/safety/safety-rated-locations/{safety-rated-locationId}	

Tours and Activities	What are the best tours in Barcelona?
GET /v1/shopping/activities	
?latitude=41.397158&longitude=2.168873	
GET /v1/shopping/activities/by-square	
?north=41.397158&west=2.168873&south=41.394582&east=2.177181	
GET /v1/shopping/activities/{activityId}	
Location Score	What is this location popular for?
GET /v1/location/analitics/category-rated-areas	
?latitude=41.397158&longitude=2.168873	

Trip

Access powerful functionalities to plan and manage the entire trip.

Trip Parser	How can I show travelers their full itinerary in one place?
POST /v2/travel/trip-parser-jobs	
GET /v2/travel/trip-parser/{jobId}	
GET /v2/travel/trip-parser/{jobId}/result	
Trip Purpose Prediction	Is this itinerary most likely for a business trip or a vacation?
GET /v1/travel/predictions/trip-purpose	
?originLocationCode=NYC&destinationLocationCode=PAR&departureDate=2020-08-01&returnDate=2020-08-12	

AI-Generated Photos	Get mean AI-generated image of a mountain/beach landscape.
GET /v2/media/files/generated-photos	
?category=MOUNTAIN	
Travel Recommendations	What similar destinations to London can I find?
GET /v1/reference-data/recommended-locations	
?cityCode=LON&travelerCountryCode=FR	