

ZOMATO RESTAURANT API REFERENCE GUIDE

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Zomato

Zomato is a web app that allows a user to search for food delivery options from the available list of restaurants in the locality.

Zomato APIs

Zomato APIs enable you to access information of over 1.5 million restaurants spread across 10,000 cities globally. You can use Zomato APIs to perform any of the following actions:

- Search for restaurants by name, cuisine, or location.
- View detailed restaurant information, including ratings, location, and cuisine.
- View great areas to dine in a city using the Zomato Foodie Index.

Get Started

Authorization and Authentication

The Zomato APIs use API Keys to authenticate requests, and authentication is done via HTTP headers. API Key is a unique key that identifies the user accessing the APIs. As a best practice, you must not share your API Key with other users.

To request for an API Key, perform the following steps:

1. Go to <https://developers.zomato.com/> and log in using your Google or Zomato Developer credentials. The **Zomato Developer Home** page appears.
2. Navigate to **API > Introduction > Request an API Key** section, and click **Generate API Key**.

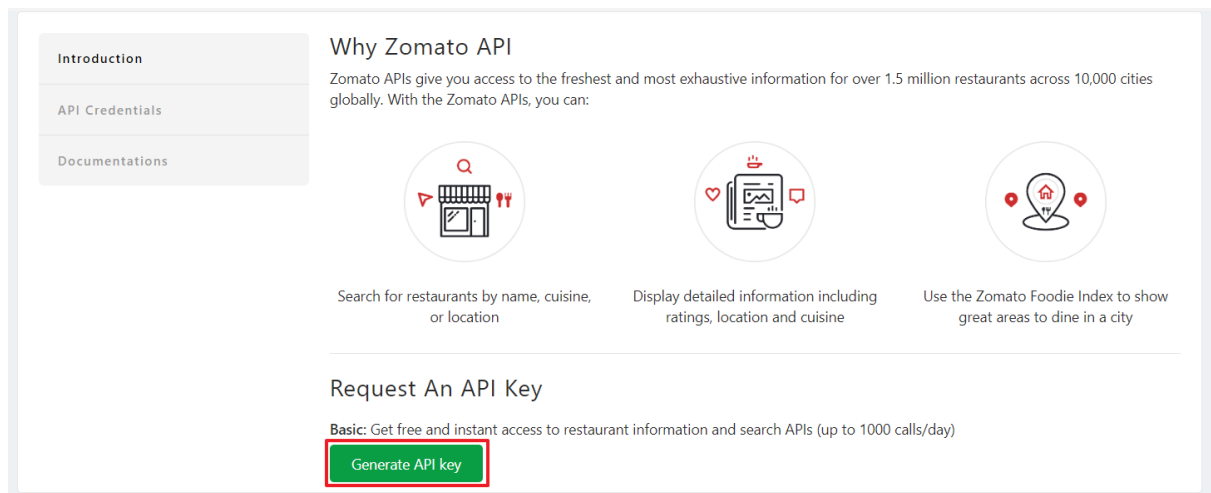


Figure 1: Introduction Page

The **Generate API Key** dialog box appears.

3. Enter the required details in the fields and click **Generate API Key**.

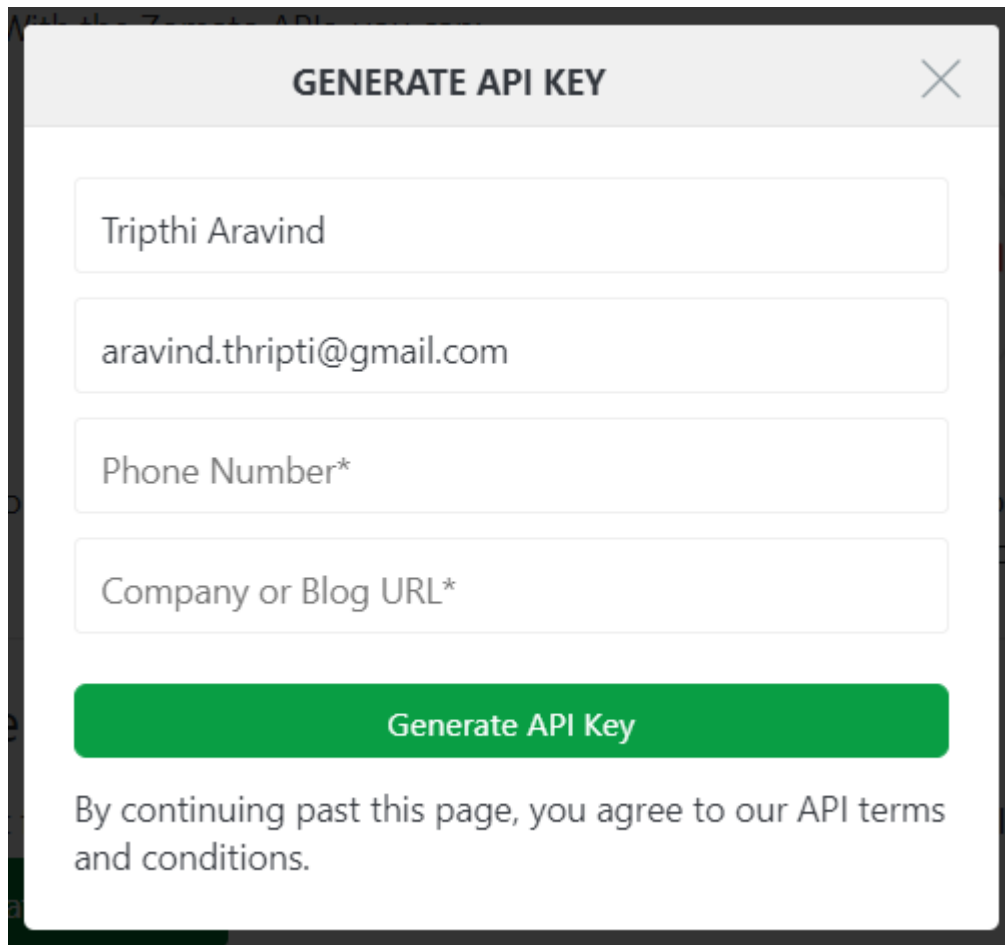


Figure 2: Generate API Key dialog box

An API Key is sent to your registered email address.

Rate Limiting

You can place only 1000 requests per day. If you exceed the defined limit, a 429 response is generated.

Request

The base URL for all requests to the Zomato API is:

<https://developers.zomato.com/api/v2.1/>

Response

Zomato API uses HTTP status codes to indicate the status of your requests. For more information on status codes, see [Status Codes](#).

All responses are in JSON.

Status Codes

Table 1 lists the HTTP status codes you may encounter:

Status Code	Description
200 - OK	The operation is successful.
400 - Bad Request	The request is missing an argument or parameter.
401 - Unauthorized	The API Key is incorrect.
404 - Not found	The requested resource does not exist.
429 -Too Many Requests	The daily rate limit is exceeded.
500 - Internal Server Error	The request is not processed.
503 - Service Unavailable	Try again after some time.

Table 1: Status Codes

Restaurant API

The Restaurant API enables you to perform the following actions:

- Search for a restaurant
- View details of a restaurant
- View the daily menu of a restaurant
- View reviews of a restaurant

GET /restaurant

Retrieves the details of a restaurant.

Authorization: API Key

Base URL: <https://developers.zomato.com/api/v2.1/>

Method: GET

Parameters:

Parameter	Description	Data Type	Required? (Yes/No)
res_id	A unique identifier for the restaurant.	integer	Yes

Table 2: /restaurant Endpoint Parameters

Response Code:

400: Invalid restaurant ID

200: Success

Sample Request:

GET	https://developers.zomato.com/api/v2.1/restaurant?res_id=313106
-----	---

Sample Response:

Example Response

200 OK

Body Headers (20)

```
{
  "R": {
    "has_menu_status": {
      "delivery": 1,
      "takeaway": -1
    },
    "res_id": 313106,
    "is_grocery_store": false
  },
  "name": "The Restaurant",
  "url": "http://www.restaurant.com",
  "location": {
    "lat": 52.1,
    "lon": -1.1
  },
  "average_cost_for_two": 15,
  "price_range": "1",
  "currency": "GBP",
  "thumb": "http://www.restaurant.com/thumb.jpg",
  "featured_image": "http://www.restaurant.com/featured.jpg",
  "photos_url": "http://www.restaurant.com/photos",
  "menu_url": "http://www.restaurant.com/menu",
  "events_url": "http://www.restaurant.com/events",
  "user_rating": {
    "rating": 4.5,
    "count": 100
  },
  "has_online_delivery": true,
  "is_delivering_now": true,
  "has_table_booking": true
}
```

Response Parameters:

Parameter	Description	Data Type
id	A unique identifier for the restaurant.	integer
name	The name of the restaurant.	string
url	URL of the restaurant's web page.	string
location	Location details of the restaurant.	ResLocation <Comment: Is this a valid data type?>
average_cost_for_two	The average price of a meal for two people.	integer
price_range	The price bracket of the restaurant. The bracket can be one of the following: <ul style="list-style-type: none">1: Budget-friendly2: <Comment: Need Info>3:4: Fine dining	integer
currency	The local currency symbol to be used with price.	string
thumb	URL of the low-resolution picture of the restaurant.	string
featured_image	URL of the high-resolution picture of the restaurant.	string
photos_url	URL of the restaurant's Photo page.	string
menu_url	URL of the restaurant's Menu page.	string
events_url	URL of the restaurant's Events page.	string
user_rating	Details of the restaurant's rating.	UserRating
has_online_delivery	Indicates whether online delivery is available for the restaurant.	boolean
is_delivering_now	Indicates whether the restaurant is accepting online orders currently. This parameter is valid only if <code>has_online_delivery = 1</code> .	boolean
has_table_booking	Indicates whether table reservation is available for the restaurant.	boolean

Parameter	Description	Data Type
deeplink	Short URL of the restaurant's web page. This URL is used in apps or social media.	string
cuisines	A list of cuisines served at the restaurant.	string
all_reviews_count	The number of reviews for the restaurant.	integer
photo_count	Number of pictures associated with the restaurant. You can retrieve a maximum of 10 pictures.	integer
phone_numbers]	The contact number of the restaurant in CSV format.	string
ResLocation	The complete address of the restaurant.	string
locality	Name of the locality in which the restaurant is located.	string
city	The name of the city in which the restaurant is located.	string
longitude	The longitude coordinates of the restaurant's location.	double
latitude	The latitude coordinates of the restaurant's location.	double
zipcode	Zip code of the area in which the restaurant is located.	string
country_id	A unique identifier of the country in which the restaurant is located.	integer
aggregate_rating	The rating of the restaurant. The restaurant is rated on a scale of 0 to 5.	
rating_text	A short description of the rating.	string
rating_color	The color hex code associated with the Zomato rating.	string
votes	The number of ratings received.	integer
Photo	A unique identifier representing a picture.	string
url	URL of the picture.	string
thumb_url	URL of the 200 X 200 thumb image.	string
user	The name of the Zomato user who uploaded the picture.	string
res_id	A unique identifier representing a restaurant for which the picture is uploaded.	integer
caption	The caption for the picture.	string
timestamp	Unix timestamp corresponding to the time of uploading the picture.	integer
friendly_time	User-friendly, timestamp corresponding to the time of uploading the picture.	string
width	The width of the picture in pixel. The default value is 640 pixels.	integer
height	The height of the picture in pixel. The default value is 640 pixels.	integer
comments_count	The number of comments on the picture.	integer
likes_count	The number of likes on the picture.	integer
rating	The rating of the restaurant. The restaurant is rated on a scale of 0 to 5.	number
review_text	A short description of the review.	string

Parameter	Description	Data Type
id	A unique identifier representing a review.	integer
rating_color	Color hex code associated with the Zomato rating.	string
review_time_friendly	User-friendly time string corresponding to the time of posting the review.	string
rating_text	A short description of the rating.	string
timestamp	Unix timestamp corresponding to the time of posting the review.	integer
likes	The number of likes received for the review.	integer
user	Details of the Zomato user who posted the review.	string
comments_count	The number of comments on the restaurant review.	integer
name	The name of the Zomato user.	string
zomato_handle	A unique identifier representing the Zomato user.	string
foodie_level	Text to indicate the Zomato user's foodie level.	string
foodie_level_num	A number to indicate the Zomato user's foodie level. The value ranges from 1 to 13.	integer
foodie_color	Color hex code associated with the Zomato user's foodie level.	string
profile_url	Zomato user's profile URL.	string
profile_deeplink	Short URL of the user's Zomato profile.	string
profile_image	Zomato user's profile image URL.	string

Table 3: /restaurant Endpoint Response Parameters

GET /dailymenu

Retrieves the details of the daily menu for a restaurant.

Authorization: API Key

Base URL: <https://developers.zomato.com/api/v2.1/>

Method: GET

Parameters:

Parameter	Description	Data Type	Required? (Yes/No)
res_id	A unique identifier for the restaurant.	integer	Yes

Table 4: /dailymenu Endpoint Parameters

Response Code:

400: Daily menu is not available for the restaurant.

200: Success

Sample Request:

https://developers.zomato.com/api/v2.1/dailymenu?res_id=307113

Sample Response:

Example Response 200 OK

Body Headers (20)

```
{
  "R": {
    "has_menu_status": {
      "delivery": 1,
      "takeaway": -1
    },
    "res_id": 313106,
    "is_grocery_store": false
  },
  ...
}
```

Response Parameters:

Parameter	Description	Data Type
daily_menu_id	A unique identifier for the restaurant.	integer
name	The name of the restaurant.	string
start_date	The Daily Menu start timestamp.	string
end_date	The Daily Menu end timestamp.	string
dish_id	A unique identifier for the menu item.	integer
name	The title of the menu item.	string
price	The price of the menu item.	string

Table 5: /dailymenu Endpoint Response Parameters

GET /reviews

Retrieves the most recent reviews on a restaurant posted by the Zomato users.

Limitation: With the Basic API plan, you can view only the five most recent reviews.

Authorization: API Key

Base URL: <https://developers.zomato.com/api/v2.1/>

Method: GET

Parameters:

Parameter	Description	Data Type	Required? (Yes/No)
res_id	A unique identifier for the restaurant.	integer	Yes
Start	The number of recent Zomato user reviews to be skipped.	integer	No

Count	The number of Zomato user reviews to be retrieved.	integer	No
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Table 6: /reviews Endpoint Parameters

Response Code:

400: Invalid Restaurant ID

200: Success

Sample Request:

GET	https://developers.zomato.com/api/v2.1/reviews?res_id=313106
-----	--

Sample Response:

Example Response	200 OK
Body	Headers (20)
<pre>{ "reviews_count": 419, "reviews_start": 0, "reviews_shown": 5, "user_reviews": [{ "review": { "rating": 4, "review_text": "The food was awesome. A Chinese of platter is a</pre>	

Response Parameters:

Parameters	Description	Data Type
rating	The rating of the restaurant. The restaurant is rated on a scale of 0 to 5.	number
review_text	A short description of the review.	string
id	A unique identifier for the review.	integer
rating_color	Color hex code associated with the Zomato rating.	string
review_time_friendly	User-friendly time string corresponding to the time of posting the review.	string
rating_text	A short description of the rating.	string
timestamp	Unix timestamp corresponding to the time of posting the review.	integer
likes	The number of likes received for the review.	integer
user	Details of the Zomato user who posted the review.	user
comments_count	The number of comments on the restaurant review.	integer
name	The name of the Zomato user.	string
zomato_handle	A unique identifier or the Zomato user.	string
foodie_level	A text to indicate the Zomato user's foodie level.	string

foodie_level_num	A number to indicate the foodie level of a Zomato user. The value ranges from 1 to 13.	integer
foodie_color	Color hex code associated with the Zomato user's foodie level.	string
profile_url	Zomato user's profile URL.	string
profile_deeplink	Short URL of the user's Zomato profile.	string
profile_image	Zomato user's profile image URL.	string

Table 7: /reviews Endpoint Response Parameters

GET /search

Search for a restaurant using any of the following parameters:

- Location ID or coordinates
- Cuisines
- Establishment IDs
- Collection IDs
- Category IDs

Limitation: With the Basic API plan, you cannot access photos and reviews.

Authorization: API Key

Base URL: <https://developers.zomato.com/api/v2.1/>

Method: GET

Parameters:

Parameter	Description	Data Type	Required? (Yes/No)
entity_id	A unique identifier for the location.	integer	No
entity_type	Type associated with the location.	string	No
q	A search keyword.	string	No
start	The number of results to be skipped.	integer	No
count	The maximum number of results to be displayed.	integer	No
lat	The longitude coordinates of the restaurant's location.	double	No
lon	The latitude coordinates of the restaurant's location.	double	No
radius	Radius (lat, lon) to define the search area. The parameter is defined in meters (M).	double	No
cuisines	A list of cuisine IDs separated by a comma.	string	No
establishment_type	A unique identifier for the restaurant type. You can get the establishment_type Parameter from the /establishments endpoint.	string	No
collection_id	A unique identifier for the collection of restaurants in a city. You can get the collection_id parameter from the /collections endpoint.	string	No

category	A unique identifier for the restaurants classified under a specific restaurant type. You can get the <code>category_id</code> parameter from the <code>/categories</code> endpoint.	string	No
sort	Sort restaurants by one of the following values: <ul style="list-style-type: none"> <code>cost</code> <code>rating</code> <code>real_distance</code> 	string	No
order	Arrange the search list in ascending or descending order.	string	No

Table 8: /search Endpoint Parameters

Response Code:

400: Invalid Restaurant ID

200: Success

Sample Request:

```
GET https://developers.zomato.com/api/v2.1/search?entity_id=1
```

Sample Response:

Example Response 200 OK

Body Headers (20)

```
{
  "results_found": 1505823,
  "results_start": 0,
  "results_shown": 20,
  "restaurants": [
    {
      "restaurant": {
        "R": {
          "has_menu_status": {
            "delivery": -1
          }
        }
      }
    }
  ]
}
```

Response Parameters:

Parameter	Description	Data Type
results_found	The number of search results found.	integer
results_start	The starting location within the search results from which the results were fetched. This parameter is used for pagination.	integer
results_shown	The number of search results retrieved. This parameter is used for pagination.	integer
id	A unique identifier representing a restaurant.	integer
name	The name of the restaurant.	string
url	URL of the restaurant's web page.	string
location	Location details of the restaurant.	
average_cost_for_two	The average price of a meal for two people.	integer
price_range	The price bracket of the restaurant. The bracket can be one of the following: <ul style="list-style-type: none"> 1: Budget-friendly 2: 3: 4: Fine dining 	integer
currency	The local currency symbol to be used with price.	string
thumb	URL of the low-resolution header picture of the restaurant.	string
featured_image	URL of the high-resolution header picture of the restaurant.	string
photos_url	URL of the restaurant's Photo page.	
menu_url	URL of the restaurant's Menu page.	string
events_url	URL of the restaurant's Events page.	
user_rating	Details of the restaurant's rating provided by Zomato users.	
has_online_delivery	Indicates whether online delivery is available for the restaurant.	boolean
is_delivering_now	Indicates whether the restaurant is accepting online orders currently. This parameter is valid only if <code>has_online_delivery = 1</code> .	boolean
has_table_booking	Indicates whether table reservation is available for the restaurant.	boolean
deeplink	Short URL of the restaurant's web page. This URL is used in apps or social media.	string
cuisines	A list of cuisines served at the restaurant.	string
all_reviews_count	The number of reviews for the restaurant.	integer
photo_count	Number of pictures uploaded for the restaurant. A maximum of 10 pictures is supported.	integer
phone_number	The contact number of the restaurant in CSV format.	string
address	The complete address of the restaurant.	string
locality	The name of the locality in which the restaurant is located.	string
city	The name of the city in which the restaurant is located.	string
longitude	The longitude coordinates of the restaurant's location.	double
latitude	The latitude coordinates of the restaurant's location.	double

zipcode	Zip code of the area in which the restaurant is located.	string
country_id	A unique identifier of the country in which the restaurant is located.	integer
aggregate_rating	The rating of the restaurant. The restaurant is rated on a scale of 0 to 5.	number
rating_text	A short description of the rating.	string
rating_color	Color hex code used with the Zomato rating.	string
votes	The number of ratings received.	integer
Photo	A unique identifier representing a picture.	string
url	URL of the picture.	string
thumb_url	URL of the 200 X 200 thumb image.	string
user	The name of the Zomato user who uploaded the picture.	Users
res_id	A unique identifier representing a restaurant for which the picture was uploaded.	integer
caption	The caption for the picture.	string
timestamp	Unix timestamp corresponding to the time of uploading the picture.	integer
friendly_time	User-friendly, timestamp corresponding to the time of uploading the picture.	string
width	The width of the picture in pixel. The default value is 640 pixels.	integer
height	The height of the picture in pixel. The default value is 640 pixels.	integer
comments_count	The number of comments on the picture.	integer
likes_count	The number of likes on the picture.	integer
rating	Rating of the restaurant. The restaurant is rated on a scale of 0 to 5.	number
review_text	Short description of the review.	string
id	Unique identifier representing the review.	integer
rating_color	Color hex code used with the rating on Zomato.	string
review_time_friendly	User-friendly time string corresponding to the time of posting the review.	
rating_text	A short description of the rating.	string
timestamp	Unix timestamp corresponding to the time of posting the review.	integer
likes	The number of likes received for the review.	integer
user	Details of the Zomato user who posted the review.	string
comments_count	The number of comments on the restaurant review.	integer
name	The name of the Zomato user.	string
zomato_handle	A unique identifier representing a Zomato user.	string
foodie_level	A text to indicate the user's foodie level.	string
foodie_level_num	A number to indicate the Zomato user's foodie level. The value ranges from 1 to 13.	integer
foodie_color	Color hex code associated with the Zomato user's foodie level.	string
profile_url	Zomato user's profile URL.	string
profile_deeplink	Short URL of the user's Zomato profile.	string
profile_image	Zomato user's profile image URL.	string

Table 9: /search Endpoint Response Parameters