



NEWSDATA.IO API | Documentation

NewsData News API enables the creation of powerful applications to tap into global news and historical news data. It supports custom news filtering, media tracking, and insights essential for strategic decisions.

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[Click here](#) to check the latest changes and updates happening in NewsData.io API and documentation.

About NewsData API

Newsdata.io is a News API that provides access to news articles from all over the world. To get started with the platform, you can sign up for a free trial account at <https://newsdata.io/register>.

NewsData.io gathers news from more than 84674 news sources which cover around 206 countries in 89 languages. As of now, NewsData.io has access to over 100 million news articles which are gathered from 2018 till today.

Once you have an account, you can access the news data by using the provided API. The API allows you to search for news articles based on keywords, phrases, date range, language, location, publisher and other criteria.

Once you have the API key, you can start making requests to the API to retrieve news articles. The API documentation provides detailed information on how to use the API's that can be used in the requests.

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These tools include sentiment analysis, entity extraction, and topic modeling. However, these text analysis modules are not part of the NewsData.io API.

It's also worth noting that Newsdata.io offers different subscription plans, so be sure to check which one best suits your needs before getting started. You can upgrade or cancel your plan anytime.

| Plan | Free | Basic | Professional | Corporate |
|---------------------|-------------------------|-----------------------|-----------------------|-----------------------|
| Getting Access | Sign Up | Paid | Paid | Paid |
| Price | Free | USD \$149.99/month | USD \$249.99/month | USD \$599.99/month |
| API Credits | 200/day | 20000/month | 50000/month | 300000/month |
| Articles per credit | 10 | 50 | 50 | 50 |
| Latest News API | Yes | Yes | Yes | Yes |
| Crypto News API | No | Yes | Yes | Yes |
| News Archive API | No | Yes | Yes | Yes |
| Historical data | No | 6 months | 1 Year | 2 Years |
| AI Tags | No | No | Yes | Yes |

| Plan | Free | Basic | Professional | Corporate |
|--------------------------------|-------|-------|-------------------|-------------------|
| Sentiment Analysis | No | No | Yes | Yes |
| AI Region | No | No | No | Yes |
| Real-time article availability | No | Yes | Yes | Yes |
| Support | Basic | Basic | Dedicated Support | Dedicated Support |

How to get the NewsData.io API key

To get access to an API key, you will first need to [sign up](#). Once your email is verified, you can access the dashboard by logging in. On the dashboard, you will find the API key.

Once you have the API key, you can start making requests to the API to retrieve news articles. It's also important to keep your API key secure and not share it with anyone.

For a comprehensive look, visit our detailed article - [How to Get Your NewsData.io News API Key](#).

How to make your first request

the request URL.

You can use platforms like HTTP REST clients (such as Postman) or Curl to fetch the data in JSON format.

Here is an example of a request to retrieve news articles:

Get URL

`https://newsdata.io/api/1/latest?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&q=pizza` 

This request will search for the latest news articles that contain the keyword "pizza". The apikey parameter is used to authenticate your account and is required in all requests.

You can also use additional parameters to refine your search, such as specifying a language, category, domain name etc.

Get URL

`https://newsdata.io/api/1/archive?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&q=example&language=en&from_date=2025-05-29&to_date=2025-06-05` 

This request will search for English language news articles published between May 29, 2025 and June 5, 2025 that contain the keyword "pizza".

Once you've made a request, you will receive a response in JSON format containing the news articles that match your search criteria.

For practical understanding visit – [How to Make Your First Request With NewsData.io](#)

An API key is a unique string of characters that is generated for each account, and it is required in all requests to the API.

When making requests to the API, you need to include the API key in the request URL. The API key can be passed as a request header as X-ACCESS-KEY or as a query parameter apikey.

If the API key is not included in the request headers or it is invalid, the API will return a 403 Unauthorized error and the request will be denied.

Response Object

You will get the following data points in JSON response while requesting the API.

| Object | Description |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status | Status shows the status of your request. If the request was successful it shows "success", if there was an error it shows "error". In the case of error a code and message will also be provided. |
| totalResults | The total number of results available for your request. |
| article_id | A unique id for each news article. |
| title | The title of the news article. |
| link | URL of the news article. |
| source_id | The name of the source this article came from. |
| source_url | The URL of the source from which a specific news article originated. |

| Object | Description |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| source_icon | URL of the logo associated with the news source. |
| source_priority | Shows the rank of news domains on the basis of their traffic priority, the more authentic the domain. |
| keywords | Related keywords of the news article. |
| creator | The author of the news article |
| image_url | URL of image present in the news articles |
| video_url | URL of video present in the news articles |
| description | A small description of the news article |
| pubDate | The published date of the news article |
| pubDateTZ | The 'pubDateTZ' field will provide the time zone of the publication. This field is available in the Latest/News, Crypto, and Archive endpoints. |
| content | Full content of the news article |
| country | The country of the publisher |
| category | The category assigned to the news article by NewsData.io |
| language | The language of the news article |
| ai_tag | AI-classified tags or categories for a better understanding of news (especially for Corporate users) |
| sentiment | The overall sentiment of the news article (positive, negative, neutral) (especially for Corporate users) |

| Object | Description |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| sentiment_stats | Statistics on the distribution of positive, negative, and neutral sentiment (Available only for Professional and Corporate users) |
| ai_region | AI-classified geographical region associated with a news article (country, state, city, or continent). (Available only for corporate users) |
| ai_org | AI-classified organization to extract the name of the organization with a new level of detail and enhanced insights. (Available only for corporate users) |
| duplicate | This response object will help identify whether the article is considered a duplicate. It indicates that the article is recognized as unique duplicate = not identified as a duplicate of an article already present (The duplicate detection is based on the basis of Newsdata.io's internal algorithm . It doesn't imply that the response object is actually a duplicate article.) |
| Coin | The 'coin' field will provide the symbol of the cryptocurrencies available in the Crypto endpoint. |
| nextPage | To go to the next page, copy the next page code (without quotes) from the page, and add a new parameter with page and paste the URL. https://newsdata.io/api/1/latest?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&q=pizza&page=2 |

Sample Response

```
{
  status: "success"
  totalResults: 2041
  results: [
    {
      article_id: "0dc94d3af23dc7ae013405551b8a3145"
      title: "Over 7 Lakh New Voters May Be Unable to Vote In Maharashtra's Local Body Polls. Here's Why"
      link: "https://www.news18.com/elections/over-7-lakh-new-voters-may-be-unable-to-vote-in-maharashtras-local..."
      keywords: [
        0: "elections"
      ]
    }
  ]
}
```

For a comprehensive look, visit our detailed article - [Response Objects: Data you receive from NewsData.io News API](#)

Security

Secure login and authentication: Newsdata.io uses secure methods for user authentication.

Data encryption: Newsdata.io uses encryption to protect user data, both in transit and at rest, to prevent unauthorized access to sensitive information.

Access controls: Newsdata.io may implement strict access controls to prevent unauthorized access to user data and ensure that only authorized personnel can access sensitive information.

Regular security updates and patches: Newsdata.io regularly update their systems and software to fix any discovered vulnerabilities and ensure the security of user data.

Compliance with industry-standard security regulations: Newsdata.io complies with industry-standard security and data protection regulations such as General Data Protection Regulation (GDPR) and the Payment Card Industry Data Security Standard (PCI DSS) to protect user data.

Incident management and incident response: Newsdata.io has a process in place to detect and respond to security incidents, such as data breaches or system failures, to minimize the impact on users.

Regular backups and disaster recovery plans: Newsdata.io maintains regular backups and disaster recovery plans to ensure data availability in case of an incident.

Newsdata.io has strict controls on their own systems and data to prevent any unauthorized access.

As a user, you should also take your own security measures such as keeping your API key secure and not sharing it with anyone, use unique and complex passwords and keep your software updated.

API Integration: Newsdata.io has strict controls on how their APIs are integrated into third-party apps to ensure that user data is protected. This could include rate limiting, IP whitelisting, and encryption of data in transit.

Regular Audits: Newsdata.io conducts regular security audits and penetration testing to identify and address vulnerabilities in their systems and third-party apps that integrate with their APIs.

Security awareness and training: Newsdata.io provides the necessary security awareness training to their employees to ensure they are aware of the security threats and how to handle them.

In summary, to maintain security and safety for users at Newsdata.io, the platform should have strict controls on the level of access that third-party apps have to user data, a vetting process for third-party apps, strict controls on API integration, regular security audits and penetration testing, compliance with industry-standard security regulations, incident management process, and security awareness and training for the employees.

Pagination

Pagination is the process of breaking down a large set of results into smaller, manageable chunks, known as pages. Newsdata.io API supports pagination to allow you to retrieve a large number of articles in smaller chunks.

and 50 articles per page for paid plans. You can customize the number of articles you get per request.

For example:

Get URL

`https://newsdata.io/api/1/latest?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&q=YOUR_QUERY` 

This request will retrieve 10 articles per page if you are a free user and 50 articles per page for paid plans.

To go to the next page, you need to use next page string given at the bottom of the page

```
- category: [
    "top"
],
language: "english"
},
nextPage: "XXXPPPXXXXXXXXXX"
}
```

Get URL

`https://newsdata.io/api/1/latest?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&q=YOUR-QUERY&page=XXXPPPXXXXXXXXXX` 

This request will retrieve the next page of the request.

Please note that you can only go to the next page from your current page. In case you want to go back to the previous page, you need to save the "nextPage" variable in your database.

For practical understanding visit - [All About Pagination in NewsData.io News API](#)

q , qInTitle and qInMeta Advanced Search

There are various ways to search for a topic or an event at Newsdata.io. These filters enable the users to narrow down the search and get accurate results. Please refer the table below to understand all the filters you can use with "q", "qInTitle" or "qInMeta" parameters:

| Description | Example |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| While searching for a single keyword | q=social |
| While searching for an exact phrase | q="social pizza" |
| While searching for two keywords or more in the same news article | q=social AND pizza AND pasta |
| When searching for a keyword but need to exclude another keyword | q=social NOT pizza |
| while searching for a keyword but need to exclude multiple keywords | q=social NOT (pizza AND wildfire) |
| While searching for articles containing any one of the keywords. | q=social OR pizza OR pasta |
| The NOT parameter can be used in the OR operators as well. While searching any one of the keywords between two keywords and excluding one keyword. | q=(pizza OR social) NOT pasta |

"Please note that the maximum character limit for a single query ("q", "qInTitle" and "qInMeta") is 100. If the number of characters exceeds this limit, the API will show error. Additionally, please note that the operators AND, OR, NOT, as well as brackets and spaces, are included in the character count."

How to use "q", "qInTitle" and "qInMeta" parameters

Rate Limit

Newsdata.io API has a rate limit, which is the number of requests that can be made to the API within a certain time period. The rate limit is in place to ensure that the API is available for all users and to prevent any one user from overloading the system.

The specific rate limit for the API varies depending on the plan you have subscribed to. For example, a free plan may have a lower rate limit than a paid plan.

The API limit you get for different plans is as follows:

Free Plan: 30 credits every 15 minutes.

Paid plans: 1800 credits every 15 minutes.

If you exceed the rate limit for your plan, the API will return a "Rate Limit Exceeded" error and you will not be able to make any further requests until the rate limit resets after 15 minutes.

For detailed understanding visit – [Rate Limit of NewsData.io](#)

API credit limit for different plans

Newsdata.io API has a credit limit for different subscription plans. The credit limit is a way to control the amount of usage of the API by the users.

API credit of 20,000 per month for Basic plan, 50,000 per month for Professional plan and 300,000 per month for Corporate plan.

You can opt any of the subscription plans as per your requirements.

Please refer the table below to check the API Credit limit for different Subscription plans:

| Plan Type | API Credit | Maximum results via API credit |
|------------------|-------------------|---------------------------------------|
| Free | 200/day | 10 |
| basic | 20,000/month | 50 |
| professional | 50,000/month | 50 |
| Corporate | 300,000/month | 50 |

You can customize the number of articles you get per request from 1 to 50.

For example:

https://newsdata.io/api/1/latest?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&q=YOUR_QUERY&size=15 

This request will retrieve 15 articles per page or per request if you are a paid user and if you are a free user then you need to define the size between 1 to 10.

How API credits get consumed

The number of credits consumed do not depend on the type of request made and the data returned.

You can track the API credit limit and monitor the usage of the API at your NewsData.io account.

For detailed understanding visit - [How NewsData.io Credits Are Consumed](#)

HTTP response codes

Newsdata.io API returns various HTTP response codes depending on the request. Below are all the HTTP response codes:

| HTTP_response_code | Result | Description |
|---------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 200 | Successful operation | This error code is returned when the API request is successful. |
| 400 | Parameter missing | This error code is returned when the API request is malformed or contains invalid parameters. For example, if you forget to include the apikey parameter in your request, the API will return a 400 Bad Request error or parameter missing. |



| HTTP_response_code | Result | Description |
|--------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 401 | Unauthorized | This error code is returned when the API key is invalid or missing. Make sure you have a valid API key and that it is included in the request. |
| 403 | CORS policy failed. IP/Domain restricted | This error can occur when the client making the API request is trying to access a resource on a different domain or IP address, and the server has not been configured to allow cross-origin resource sharing (CORS) from that domain or IP. |
| 409 | Parameter duplicate | This error code can occur when a parameter is passed to the API with a duplicate value. To avoid this error, ensure that all parameters passed have unique values, and only include each parameter once in your request. |
| 415 | Unsupported type | This error code can occur when the API is unable to process a request because the request is in a format that is not supported by the API. |

| HTTP_response_code | Result | Description |
|--------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 422 | Unprocessable entity | 422 Unprocessable Entity error in Newsdata.io API can occur when the API is unable to process a request due to a semantic error in the request, typically indicating that the request is well-formed, but the server is unable to understand or fulfill it. |
| 429 | Too many requests | This error code is returned when you have exceeded the rate limit for your plan. You will need to wait for the rate limit to reset before making further requests. |
| 500 | Internal server error | This error code is returned when there is an unexpected error on the server. This is usually a temporary issue and you should try your request again later. |

Latest News ("latest" endpoint)

The latest news endpoint provides access to the latest and breaking news. The news articles are sorted by the published date. With the "Latest" endpoint, you can access the news articles up to the past 48 hours.

Retrieving the latest news allows you to build experience such as showcasing the latest news, breaking news tickers and analyzing News to better understand their

RESOURCE URL

Get

https://newsdata.io/api/1/latest?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&q=YOUR_QUERY

Resource Information

| | |
|----------------------------|--------------------------|
| Response Format | JSON |
| Requires Authentication | Yes |
| Rate Limited | Yes |
| Requests per 15 min window | 1800 credits (paid plan) |

Parameters

Below are the Request Parameters you need to put in your query to run the API.

| Name | Required | Description | Default Value | Example |
|--------|----------|-----------------------------------------------------------------------------------------------------------------------|---------------|---------|
| apikey | Required | You need to add your API Key while accessing the newsdata API. How to get the NewsData.io API key. | | |

| Name | Required | Description | Default Value | Example |
|----------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------|
| id | Optional | <p>Search the specific news article from its unique article_id string. You can add up to 50 article id strings in a single query or as per your specified limit.</p> | | id=article_id id=article_id article_id_ |
| q | Optional | <p>Search news articles for specific keywords or phrases present in the news title, content, URL, meta keywords and meta description. The value must be URL-encoded and the maximum character limit permitted is 100 characters.</p> <p><u>Please refer Advanced Search for more details</u></p> | | q=pizza |
| qInTitle | Optional | <p>Search news articles for specific keywords or phrases present in the news titles only. The value must be URL-encoded and the maximum character limit permitted is 100 characters.</p> | | qInTitle=pi |



| Name | Required | Description | Default Value | Example |
|-----------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------|
| qInMeta | Optional | <p>qInMeta parameter in the same query.</p> <p>Search news articles for specific keywords or phrases present in the news titles, URL, meta keywords and meta description only. The value must be URL-encoded and the maximum character limit permitted is 100 characters.</p> <p>Note: qInMeta can't be used with q or qInTitle parameter in the same query.</p> | | qInMeta=p |
| timeframe | Optional | <p>Search the news articles for a specific timeframe (Minutes and Hours). For hours, you can set a timeframe of 1 to 48, and for minutes, you can define a timeframe of 1m to 2880m. For example, if you want to get the news for the past 6 hours then use timeframe=6 and if you want to get</p> | | For Hours - timeframe timeframe timeframe For Minute timeframe timeframe timeframe |

| Name | Required | Description | Default Value | Example |
|-----------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|
| | | <p>min then use timeframe=15m.</p> <p>Note – You can only use timeframe either in hours or minutes.</p> | | |
| country | Optional | <p>Search the news articles from a specific country. You can add up to 5 countries in a single query.</p> <p>Check the codes for all the countries here.</p> | | country=a |
| category | Optional | <p>Search the news articles for a specific category. You can add up to 5 categories in a single query.</p> <p>Check the codes for all the categories here.</p> | | category=c |
| excludecategory | Optional | <p>You can exclude specific categories to search for news articles. You can exclude up to 5 categories in a single query.</p> <p>Note: You can use either the 'category' parameter to include specific</p> | | excludeca |

| Name | Required | Description | Default Value | Example |
|-----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| | | parameter to exclude them, but not both simultaneously. | | |
| language | Optional | <p>Search the news articles for a specific language. You can add up to 5 languages in a single query.</p> <p>Check the codes for all the languages here.</p> | | language= |
| tag | Optional | <p>Search the news articles for specific AI-classified tags. You can add up to 5 tags in a single query.</p> <p>Check the codes for all the AI tags here.</p> <p>(Available only for Professional and Corporate users)</p> | | tag=food,tags |
| sentiment | Optional | <p>Search the news articles based on the sentiment of the news article (positive, negative, neutral).</p> <p>(Available only for Professional and Corporate users)</p> | | sentiment |

| Name | Required | Description | Default Value | Example |
|-----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------|
| region | Optional | <p>Search the news articles for specific geographical regions. The region could be a city, district, county, state, country, or continent. You can add up to 5 regions in a single query. (Available only for Corporate users).</p> <p>Check out NewsData.io Region blog for practical understanding.</p> | | region=city region=city city2-country region=state region=location region=neighborhood region=nearby |
| domain | Optional | <p>Search the news articles for specific domains or news sources. You can add up to 5 domains in a single query.</p> <p>You can check the name of the domains here</p> | | domain=name |
| domainurl | Optional | <p>Search the news articles for specific domains or news sources. You can add up to 5 domains in a single query.</p> <p>Note: If the domain is incorrect, It will give suggestions in</p> | | domainurl bbc.com,bbc |

| Name | Required | Description | Default Value | Example |
|----------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------|
| excludedomain | Optional | <p>You can exclude specific domains or news sources to search the news articles. You can exclude up to 5 domains in a single query. Note: If the domain is incorrect, It will give suggestions in the response</p> | | excludedo bbc.com,b |
| excludefield | Optional | <p>you can limit the response object to search for news articles. You can exclude multiple response objects in a single query.</p> <p>Note: You cannot exclude articles response field in the object</p> | | excludedie excludefi pubdate,li |
| prioritydomain | Optional | <p>Search the news articles only from top news domains. We have categorized prioritydomain in 3 categories.</p> <p>Top: Fetches news articles from the top 10% of the news domains</p> <p>Medium: Fetches</p> | | prioritydo prioritydo prioritydo |

| Name | Required | Description | Default Value | Example |
|--------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------|
| | | <p>news domains. It means it already includes all the news articles of 'top' priority.</p> <p>Low: Fetches news articles from the top 50% of the news domains. It means it already includes all the news articles of 'top' and 'medium' priorities.</p> | | |
| timezone | Optional | <p>Search the news articles for a specific timezone.</p> <p>You can add any specific timezone.</p> <p>You can check the timezone here</p> | | timezone= timezone= timezone= timezone= |
| full_content | Optional | <p>Search the news articles with full content or without full content. Use '1' for news articles which contain the full_content response object and '0' for news articles which don't contain full_content response object.</p> | | full conte full conte |
| image | Optional | <p>Search the news ...</p> | | image= image= |

| Name | Required | Description | Default Value | Example |
|-----------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------|
| | | without featured image. Use 1 for articles with featured image and 0 for articles without featured image. | | |
| video | Optional | <p>Search the news articles with videos or without videos. Use 1 for articles with videos and 0 for articles without videos.</p> | | video=1 video=0 |
| removeduplicate | Optional | <p>The 'removeduplicate' parameter will allow users to filter out duplicate articles. Use 1 to remove duplicate articles.</p> <p>(Note: The overall 'removeduplicate' parameter functioning works on the basis of Newsdata.io's internal algorithm. It doesn't imply that the article which has a 'removeduplicate=1' parameter is actually a duplicate article.)</p> | | removedu |

| Name | Required | Description | Default Value | Example |
|------|----------|-------------------------------------------------------------------------------------------|----------------------------------|---------|
| size | Optional | You can customize the number of articles you get per API request from 1 to 50. | Free user - 10 Paid user - 50 | size=25 |
| page | Optional | Use page parameter to navigate to the next page. To know more: click here | | |

Example Queries

1. News from Australia and United States of America

Get

https://newsdata.io/api/1/latest?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&country=au,us



```
{
  status: "success"
  totalResults: 2041
  results: [
    {
      0: {
        article_id: "0dc94d3af23dc7ae013405551b8a3145"
        title: "Over 7 Lakh New Voters May Be Unable to Vote In Maharashtra's Local Body Polls. Here's Why"
        link: "https://www.news18.com/elections/over-7-lakh-new-voters-may-be-unable-to-vote-in-maharashtras-local..."
        keywords: [
          0: "elections"
        ]
        creator: null
        description: "As per the law, local body elections must use the final electoral roll"
      }
    }
  ]
}
```



Get

https://newsdata.io/api/1/latest?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&domain=bbc

3. News for Category Science

Get

https://newsdata.io/api/1/latest?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&category=science

To dive deeper with practical examples visit - [Get Latest News using NewsData.io "News" Endpoint: In Detail](#)

Crypto News

Search and Monitor Worldwide Cryptocurrency-related news and blog data from the most reliable News and Blog Websites.

Retrieving the latest news allows you to build experience such as showcasing the latest news, breaking news tickers and analyzing News to better understand their content.

Resource URL

Get

https://newsdata.io/api/1/crypto?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39

Resource Information

Response Format

JSON

Requires Authentication

Yes

Rate Limited

Yes

Requests per 15 min window

1800 credits (paid pl...

Parameters

Below are the Request Parameters you need to put in your query to run the API.

| Name | Required | Description | Default Value | Example |
|--------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------|
| apikey | Required | You need to add your API Key while accessing the newsdata API. How to get the NewsData.io API key. | | |
| id | Optional | Search the specific news article from its unique article_id string. You can add up to 50 article id strings in a single query or as per your specified limit. | | id=article_id id=article_id article_id_ |
| coin | Optional | Search the news articles for specific crypto coins using their short forms only. You can add up to 5 coins in a single query. | | coin=btc coin=eth,... |

| Name | Required | Description | Default Value | Example |
|----------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|
| q | Optional | <p>Search news articles for specific keywords or phrases present in the news title, content, URL, meta keywords and meta description. The value must be URL-encoded and the maximum character limit permitted is 100 characters.</p> <p>Please refer Advanced Search for more details</p> | | q=pizza |
| qInTitle | Optional | <p>Search news articles for specific keywords or phrases present in the news titles only. The value must be URL-encoded and the maximum character limit permitted is 100 characters.</p> <p>Note: qInTitle can't be used with q or qInMeta parameter in the same query.</p> | | qInTitle=pi |
| qInMeta | Optional | <p>Search news articles for specific keywords or phrases present in</p> | | qInMeta=pi |



| Name | Required | Description | Default Value | Example |
|-----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------|
| | | <p>meta description only. The value must be URL-encoded and the maximum character limit permitted is 100 characters.</p> <p>Note: qInMeta can't be used with q or qInTitle parameter in the same query.</p> | | |
| timeframe | Optional | <p>Search the news articles for a specific timeframe (Minutes and Hours). For hours, you can set a timeframe of 1 to 48, and for minutes, you can define a timeframe of 1m to 2880m. For example, if you want to get the news for the past 6 hours then use timeframe=6 and if you want to get news for the last 15 min then use timeframe=15m.</p> <p>Note – You can only use timeframe either in hours or minutes.</p> | For Hours - timeframe timeframe timeframe timeframe For Minute timeframe timeframe timeframe | |
| from_date | Optional | Use from_date | from_date | |

| Name | Required | Description | Default Value | Example |
|----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------|
| | | <p>data from a particular date in the past. Note: If you didn't specify from_date then from_date will be considered as per your subscription plan. For example, if you have purchased the professional subscription plan and didn't mention from_date then the API will automatically fetch the data from the past 1 year.</p> | | from_date HH:MM:SS from_date 06:12:45 |
| to_date | Optional | <p>This filter is used to set an end date for the search result.</p> <p>Note: If you didn't specify to_date then the API will fetch the data till today</p> | | to_date=1 to_date=2 to_date=1 HH:MM:SS to_date=2 |
| language | Optional | <p>Search the news articles for a specific language. You can add up to 5 languages in a single query.</p> <p>Check the codes for all the languages here.</p> | | language= |

| Name | Required | Description | Default Value | Example |
|-----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|
| tag | Optional | <p>Search the news articles for specific AI-classified tags. You can add up to 5 tags in a single query.</p> <p>Check the codes for all the crypto AI tags here.</p> <p>(Available only for Professional and Corporate users)</p> | | tag=block |
| sentiment | Optional | <p>Search the news articles based on the sentiment of the news article (positive, negative, neutral).</p> <p>(Available only for Professional and Corporate users)</p> | | sentiment |
| domain | Optional | <p>Search the news articles for specific domains or news sources. You can add up to 5 domains in a single query.</p> <p>You can check the name of the domains here</p> | | domain=n |
| domainurl | Optional | <p>Search the news articles for specific domains or news sources. You can</p> | | domainurl bbc.com,b |

| Name | Required | Description | Default Value | Example |
|----------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------|
| | | domains in a single query. Note: If the domain is incorrect, It will give suggestions in the response | | |
| excludedomain | Optional | You can exclude specific domains or news sources to search the news articles. You can exclude up to 5 domains in a single query. Note: If the domain is incorrect, It will give suggestions in the response | | excludedomain bbc.com,b |
| excludefield | Optional | you can limit the response object to search for news articles. You can exclude multiple response objects in a single query. Note: You cannot exclude articles response field in the object | | excludefield excludefield pubdate,li |
| prioritydomain | Optional | Search the news articles only from top news domains. We have categorized prioritydomain in 3 | | prioritydomain prioritydomain prioritydomain |

| Name | Required | Description | Default Value | Example |
|--------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------|
| | | <p>Top: Fetches news articles from the top 10% of the news domains</p> <p>Medium: Fetches news articles from the top 30% of the news domains. It means it already includes all the news articles of 'top' priority.</p> <p>Low: Fetches news articles from the top 50% of the news domains. It means it already includes all the news articles of 'top' and 'medium' priorities.</p> | | |
| timezone | Optional | <p>Search the news articles for a specific timezone. You can add any specific timezone. You can check the timezone here</p> | timezone= timezone= timezone= timezone= | |
| full_content | Optional | <p>Search the news articles with full content or without full content. Use '1' for news articles which contain the full_content response object and '0' for news</p> | full conte full conte | |



| Name | Required | Description | Default Value | Example |
|-----------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------|
| | | contain full_content response object. | | |
| image | Optional | Search the news articles with featured image or without featured image. Use 1 for articles with featured image and 0 for articles without featured image. | | image=1 image=0 |
| video | Optional | Search the news articles with videos or without videos. Use 1 for articles with videos and 0 for articles without videos. | | video=1 video=0 |
| removeduplicate | Optional | The 'removeduplicate' parameter will allow users to filter out duplicate articles. Use 1 to remove duplicate articles. (Note: The overall 'removeduplicate' parameter functioning works on the basis of Newsdata.io's internal algorithm.) | | removedu |

| Name | Required | Description | Default Value | Example |
|------|----------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------|
| | | has a 'removeduplicate=1' parameter is actually a duplicate article.) | | |
| size | Optional | You can customize the number of articles you get per API request from 1 to 50. | Free user - 10 Paid user - 50 | size=25 |
| page | Optional | Use page parameter to navigate to the next page. To know more: click here | | |

Example Queries

1. Crypto News related to Bitcoin only

Get https://newsdata.io/api/1/crypto?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&coin=btc Copy

2. Crypto News in Italian and Japanese language

Get https://newsdata.io/api/1/crypto?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&language=it,jp Copy

3. Crypto News from the domain coindesk



News Archive

The news archive endpoint provides access to the old news data for a topic, event, country, for a specific category in a country, or for a single or multiple domains.

Retrieving a piece of old news allows you to get the past news data for research and analysis purposes.

The News Archive endpoint is available only in Paid plans. You can get news data for the past 2 years using the Archive endpoint.

There is limited access to the news archive endpoint for each paid plan:

Basic

6 months of historical data

Professional

1 year of historical data

Corporate

2 years of historical data

Under your plan, you will not be able to access news data beyond these limits. To get news beyond the past 2 years, [click here](#)

Resource URL

Get

https://newsdata.io/api/1/archive?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&from_date=2025-03-13&to_date=2025-03-26&category=technology



| | |
|----------------------------|--------------------------|
| Response Format | JSON |
| Requires Authentication | Yes |
| Rate Limited | Yes |
| Requests per 15 min window | 1800 credits (paid plan) |

Parameters

Below are the Request Parameters you need to put in your query to run the API.

Please note, your API query must contain atleast one of these parameters:

`['q','qInTitle','qInMeta','domain','country','category','language','full_content','image','video','prioritydomain','domainurl'],`

Otherwise the API query won't work.

| Name | Required | Description | Default Value | Example |
|--------|----------|-----------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------|
| apikey | Required | You need to add your API Key while accessing the newsdata API. How to get the NewsData.io API key. | | |
| id | Optional | Search the specific news article from its unique article_id | | id=article_id id=article_id_1 article_id_3 |

| Name | Required | Description | Default Value | Example |
|----------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| | | article id strings in a single query or as per your specified limit. | | |
| q | Optional | <p>Search news articles for specific keywords or phrases present in the news title, content, URL, meta keywords and meta description. The value must be URL-encoded and the maximum character limit permitted is 100 characters.</p> <p>Please refer Advanced Search for more details</p> | | q=pizza |
| qInTitle | Optional | <p>Search news articles for specific keywords or phrases present in the news titles only. The value must be URL-encoded and the maximum character limit permitted is 100 characters.</p> | | qInTitle=pizza |



| Name | Required | Description | Default Value | Example |
|-----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------|
| qInTitle | Optional | <p>Note: qInTitle can't be used with q or qInMeta parameter in the same query.</p> <p>Search news articles for specific keywords or phrases present in the news titles, URL, meta keywords and meta description only. The value must be URL-encoded and the maximum character limit permitted is 100 characters.</p> <p>Note: qInMeta can't be used with q or qInTitle parameter in the same query.</p> | | |
| qInMeta | Optional | <p>Search news articles for specific keywords or phrases present in the news titles, URL, meta keywords and meta description only. The value must be URL-encoded and the maximum character limit permitted is 100 characters.</p> <p>Note: qInMeta can't be used with q or qInTitle parameter in the same query.</p> | | qInMeta=pizza |
| from_date | Optional | <p>Use from_date filter to get news data from a particular date in the past. Note: If you didn't specify from_date then from_date will be considered as per your</p> | | from_date=2023-01-01 from_date=2023-01-01T00:00:00 from_date=2023-01-01T00:00:00Z from_date=2023-01-01T06:12:45 |





| Name | Required | Description | Default Value | Example |
|-----------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|
| | | <p>Check the codes for all the countries here.</p> | | |
| category | Optional | <p>Search the news articles for a specific category. You can add up to 5 categories in a single query.</p> <p>Check the codes for all the categories here.</p> | | category=sp |
| excludecategory | Optional | <p>You can exclude specific categories to search for news articles. You can exclude up to 5 categories in a single query.</p> <p>Note: You can use either the 'category' parameter to include specific categories or the 'excludecategory' parameter to exclude them, but not both simultaneously.</p> | | excludecate |
| domain | Optional | <p>Search the news articles for specific domains</p> | | domain=nyti |

| Name | Required | Description | Default Value | Example |
|---------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------|
| | | <p>to 5 domains in a single query.</p> <p>You can check the name of the domains here</p> | | |
| domainurl | Optional | <p>Search the news articles for specific domains or news sources. You can add up to 5 domains in a single query.</p> <p>Note: If the domain is incorrect, It will give suggestions in the response</p> | | domainurl=bbc.com,bbc |
| excludedomain | Optional | <p>You can exclude specific domains or news sources to search the news articles. You can exclude up to 5 domains in a single query.</p> <p>Note: If the domain is incorrect, It will give suggestions in the response</p> | | excludedomain=bbc.com,bbc |
| excludefield | Optional | <p>you can limit the response object to search for news articles. You can exclude</p> | | excludefield=pubdate,link |

| Name | Required | Description | Default Value | Example |
|----------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| prioritydomain | Optional | <p>response objects in a single query.</p> <p>Note: You cannot exclude articles response field in the object</p> <p>Search the news articles only from top news domains. We have categorized prioritydomain in 3 categories.</p> <p>Top: Fetches news articles from the top 10% of the news domains</p> <p>Medium: Fetches news articles from the top 30% of the news domains. It means it already includes all the news articles of 'top' priority.</p> <p>Low: Fetches news articles from the top 50% of the news domains. It means it already includes all the news articles of 'top' and 'medium' priorities.</p> | <p>response objects in a single query.</p> <p>Note: You cannot exclude articles response field in the object</p> <p>Search the news articles only from top news domains. We have categorized prioritydomain in 3 categories.</p> <p>Top: Fetches news articles from the top 10% of the news domains</p> <p>Medium: Fetches news articles from the top 30% of the news domains. It means it already includes all the news articles of 'top' priority.</p> <p>Low: Fetches news articles from the top 50% of the news domains. It means it already includes all the news articles of 'top' and 'medium' priorities.</p> | <p>prioritydoma</p> <p>prioritydoma</p> <p>prioritydoma</p> |



| Name | Required | Description | Default Value | Example |
|--------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------|
| timezone | Optional | <p>Search the news articles for a specific timezone. You can add any specific timezone.</p> <p><u>You can check the timezone here</u></p> | | timezone=An timezone=As timezone=As timezone=Eu |
| full_content | Optional | <p>Search the news articles with full content or without full content. Use '1' for news articles which contain the full_content response object and '0' for news articles which don't contain full_content response object.</p> | | full_content= full_content= |
| image | Optional | <p>Search the news articles with featured image or without featured image. Use 1 for articles with featured image and 0 for articles without featured image.</p> | | image=1 image=0 |



| Name | Required | Description | Default Value | Example |
|-------|----------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------|
| video | Optional | Search the news articles with videos or without videos. Use 1 for articles with videos and 0 for articles without videos. | | video=1 video=0 |
| size | Optional | You can customize the number of articles you get per API request from 1 to 50. | Free user - 10 Paid user - 50 | size=25 |
| page | Optional | Use page parameter to navigate to the next page. To know more, click here | | |

Example Queries

1. News from category technology and science

Get

https://newsdata.io/api/1/archive?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&category=technology,science



2. News from_date May 22, 2025 to June 4, 2025

Get

https://newsdata.io/api/1/archive?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&from_date=2025-05-22&to_date=2025-06-04&category=technology



Get

https://newsdata.io/api/1/archive?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&from_date=2025-05-06&category=science

To dive deeper with practical examples visit - [All about News "Archive" Endpoint](#)

News Sources

Sources endpoint provides names of randomly selected 100 domains from a country, category or/and language.

It is mainly a convenience endpoint that you can use to keep track of the publishers available on the API.

Resource URL

Get

https://newsdata.io/api/1/sources?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39

Resource Information

Response Format

JSON

Requires Authentication

Yes

Rate Limited

Yes

Requests per 15 min window

1800 credits (paid pl

Parameters

Below are the Request Parameters you need to put in your query to run the API.

| Name | Required | Description | Default Value | Example |
|----------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| apikey | Required | You need to add your API Key while accessing the newdata API. How to get the NewsData.io API key. | | |
| language | Optional | Search the news articles for a specific language. You can add up to 5 languages in a single query. Check the codes for all the languages here. | | language=fr,en |



| Name | Required | Description | Default Value | Example |
|-----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------|
| country | Optional | <p>Search the news articles from a specific country. You can add up to 5 countries in a single query.</p> <p>Check the codes for all the countries here.</p> | | country=au,jp |
| category | Optional | <p>Search the news articles for a specific category. You can add up to 5 categories in a single query.</p> <p>Check the codes for all the categories here.</p> | | category=sports,t |
| domainurl | Optional | <p>Search the news articles for specific domains or news sources. You can add up to 5 domains in a single query.</p> <p>Note: If the domain is incorrect, It will</p> | | domainurl=nytimes.com,bbc.com,bbc.co.uk |

| Name | Required | Description | Default Value | Example |
|----------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------|
| | | suggestions in the response | | |
| prioritydomain | Optional | <p>Search the news articles only from top news domains. We have categorized prioritydomain in 3 categories.</p> <p>Top: Fetches news articles from the top 10% of the news domains</p> <p>Medium:</p> <p>Fetches news articles from the top 30% of the news domains. It means it already includes all the news articles of 'top' priority.</p> <p>Low: Fetches news articles from the top 50% of the news domains. It means it already includes all</p> | | <p>prioritydomain=tc</p> <p>prioritydomain=m</p> <p>prioritydomain=lo</p> |



| Name | Required | Description | Default Value | Example |
|------|----------|--------------------------|---------------|---------|
| | | and 'medium' priorities. | | |

Response Object

| Name | Description |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| status | success/error Status shows the status of your request. If the request was successful then it shows success, in case of error it shows error. In the case of error, a code and message property will be displayed. |
| id | The identifier of the domain. You can use this with our other endpoints. |
| name | The name of the domain (As defined by the NewsData.io moderators). |
| url | The URL of the domain. |
| category | Categories of the domain (These categories are defined by NewsData.io moderators). |
| language | Language of the domain (The language is defined by NewsData.io moderators). |
| country | Countries of the domain (The countries are defined by NewsData.io moderators). |



Get

https://newsdata.io/api/1/sources?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&country=ua



2. News sources that show from specific category

Get

https://newsdata.io/api/1/sources?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&category=politics



3. News sources that show from specific language

Get

https://newsdata.io/api/1/sources?apikey=pub_197f26f6e4e841d8ad135a3a5b357a39&language=nl



To dive deeper with practical examples visit - [News Sources Endpoints](#)

Newdata.io Python Client

Use the Newsdata.io Python client library to integrate Newsdata.io API into your Python application without having to make HTTP requests directly.

Source: [Newsdata.io Python Client](#)

Installation:

Get

\$ pip install newsdataapi



Usage:

```
from newsdataapi import NewsApiClient
```



API key authorization. Initialize the client with your API key

```
api = NewsdataApiClient(apikey=pub_197f26f6e4e841d8ad135a3a5b357a39)
```

```
# You can pass empty or with request parameters (ex. country = "us")
```

```
response = api.news_api(q="ronaldo", country="us")
```

Pagination:

```
from newsdataapi import NewsDataApiClient
```



```
# API key authorization, Initialize the client with your API key
```

```
api = NewsDataApiClient(apikey=pub_197f26f6e4e841d8ad135a3a5b357a39)
```

```
# You can paginate till last page by providing "page" parameter
```

```
page=None
```

```
while True:
```

```
    response = api.news_api(page = page)
```

```
    page = response.get('nextPage',None)
```

```
    if not page:
```

```
        break
```

Get started with our comprehensive step-by-step blog -[NewsData.io News API With Python Client](#)

Newsdata.io PHP Client

Use the Newsdata.io PHP client library to integrate Newsdata API into your PHP application without having to make HTTP requests directly.

Source: [Newsdata.io PHP bindinas](#)

Get

\$ composer require newsdataio/newsdataapi 

Usage:

```
<?php   
require_once '../autoload.php';  
  
use NewsdataONewsdataApi;  
  
$newsdataApiObj = new NewsdataApi(pub_197f26f6e4e841d8ad135a3a5b357a39);  
  
#// Pass your desired strings in an array with unique key  
  
$data = array("q" => "ronaldo", "country" => "ie");  
  
$response = $newsdataApiObj->get_latest_news($data);  
  
?>
```



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