Ready Signal API

Production Endpoint: https://app.readysignal.com/api/

1.Get an Access Token

To access the Signals API, you have to get an access token and send it through your request's authorization header.

Login to the Ready Signal portal, access the detail page of your signals or create a new Signal if you don't have one.

Scroll the page down to the **API Credentials** section, and use the button next to the **Access Token** to copy your token.

That's it. You will use that token to authenticate your next requests.

2.GET My Signals

To get the list of your signals.

The resulting data is paginated every 10 records. You can use the "page" query string to get data from other pages. You can also see other pagination metadata on the JSON payload.

Request	GET /signals	
Query Strings	Page	Integer | Optional | The number of pagination page
Headers	Accept	application/json
	Authorization	Bearer {token}

Request

```
GET /api/signals?page=1 HTTP/1.1
Host: staging.app.readysignal.com
Content-Type: application/json
Accept: application/json
Authorization: Bearer eyJ0eXAiOiJKV1QiLCI1N...bGciOiJSUzI1Nmqhi6A
```

Response

```
{
    "data": [
        {
            "id": 48,
            "name": "My Signal Name",
            "description": "The description of my signal.",
            "desired_geo_grain": "State",
            "desired_time_grain": "Week",
            "start_at": "01/26/2020",
            "end_at": "05/31/2020",
            "created_at": "06/03/2020",
            "updated_at": "06/03/2020",
            "deleted_at": null,
            "company": {
                "id": 1024,
                "name": "Ready Signal Team",
                "plan_id": 1,
                "plan_value_id": 1,
                "subscription_status": "active",
```

```json
                "created_at": "2020-05-11 18:39:24",
                "updated_at": "2020-05-11 18:40:22",
                "need_listining_webhook": 0
            },
            "user": {
                "id": 1015,
                "company_id": 1024,
                "name": "Marco Tanaka",
                "email": "marco@example.com",
                "type": "owner",
                "created_at": "2020-05-11 18:39:24",
                "updated_at": "2020-05-11 18:39:24"
            },
            "industry": {
                "id": 2,
                "name": "CPG",
                "created_at": "2020-04-10 23:21:39",
                "updated_at": "2020-04-10 23:21:39"
            },
            "analysis_type": {
                "id": 3,
                "name": "Classification",
                "created_at": "2020-04-10 23:21:45",
                "updated_at": "2020-04-10 23:21:45"
            },
            "output": {
                "json":
"https://staging.app.readysignal.com/api/signals/48/output?format=json"
            },
            "links": {
                "self": "https://staging.app.readysignal.com/signal/48/manage",
                "manage": "https://staging.app.readysignal.com/signal/48/manage"
            }
        }
    ],
    "links": {
        "first": "https://staging.app.readysignal.com/api/signals?page=1",
        "last": "https://staging.app.readysignal.com/api/signals?page=1",
        "prev": null,
        "next": null
    },
    "meta": {
        "current_page": 1,
        "from": 1,
```

```json
        "last_page": 1,
        "path": "https://staging.app.readysignal.com/api/signals",
        "per_page": 10,
        "to": 1,
        "total": 1
    }
}
```

3.GET My Signals Detail

To get the detail of the specified signal.

Request	**GET** /signals/{Signal_ID}/	
Headers	**Accept**	application/json
	Authorization	Bearer {token}

Request

```
GET /api/signals/48 HTTP/1.1
Host: staging.app.readysignal.com
Content-Type: application/json
Accept: application/json
Authorization: Bearer eyJ0eXAiOiJKV1QiLCI1N...bGciOiJSUzI1Nmqhi6A
```

Response

```json
{
    "data": {
        "id": 48,
        "name": "My Signal Name",
        "description": "The description of my signal.",
        "desired_geo_grain": "State",
        "desired_time_grain": "Week",
        "start_at": "01/26/2020",
        "end_at": "05/31/2020",
        "created_at": "06/03/2020",
        "updated_at": "06/03/2020",
        "deleted_at": null,
        "company": {
            "id": 1024,
            "name": "Ready Signal Team",
            "plan_id": 1,
            "plan_value_id": 1,
            "subscription_status": "active",
            "created_at": "2020-05-11 18:39:24",
            "updated_at": "2020-05-11 18:40:22",
            "need_listing_webhook": 0
        },
        "user": {
            "id": 1015,
```

```
        "company_id": 1024,
        "name": "Marco Tanaka",
        "email": "marco@example.com",
        "email_verified_at": null,
        "type": "owner",
        "created_at": "2020-05-11 18:39:24",
        "updated_at": "2020-05-11 18:39:24"
    },
    "industry": {
        "id": 2,
        "name": "CPG",
        "created_at": "2020-04-10 23:21:39",
        "updated_at": "2020-04-10 23:21:39"
    },
    "analysis_type": {
        "id": 3,
        "name": "Classification",
        "created_at": "2020-04-10 23:21:45",
        "updated_at": "2020-04-10 23:21:45"
    },
    "output": {
        "json":
"https://staging.app.readysignal.com/api/signals/48/output?format=json"
    },
    "links": {
        "self": "https://staging.app.readysignal.com/signal/48/manage",
        "manage": "https://staging.app.readysignal.com/signal/48/manage"
    }
  }
}
```

4.GET My Signal Output

To get the output of the specified signal.

The resulting data is paginated every 1000 records. You can use the "***page***" query string to get data from other pages. You can also see other pagination metadata on the JSON payload.

Request	**GET** /signals/{Signal_ID}/output	
Query Strings	**Page**	Integer | Optional | The number of pagination page
Headers	**Accept**	application/json
	Authorization	Bearer {token}

Request

```
GET /api/signals/48/output?page=1 HTTP/1.1
Host: staging.app.readysignal.com
Content-Type: application/json
Accept: application/json
Authorization: Bearer eyJ0eXAiOiJKV1QiLCI1N...bGciOiJSUzI1Nmqhi6A
```

Response

```
{
    "current_page": 1,
    "data": [
    {
        "start": "2020-01-26",
        "end": "2020-02-01",
        "state": "Alabama",
        "population-rural": "1957932.00000000000000000000"
    },
    {
        "start": "2020-01-26",
        "end": "2020-02-01",
        "state": "Alaska",
        "population-rural": "241338.00000000000000000000"
    },
    {…},
    {
        "start": "2020-05-24",
```

```json
            "end": "2020-05-30",
            "state": "Puerto Rico",
            "population-rural": "232533.00000000000000000000"
        }
        ],
        "first_page_url":
"https://staging.app.readysignal.com/api/signals/48/output?page=1",
        "from": 1,
        "last_page": 1,
        "last_page_url":
"https://staging.app.readysignal.com/api/signals/48/output?page=1",
        "next_page_url": null,
        "path": "https://staging.app.readysignal.com/api/signals/48/output",
        "per_page": 1000,
        "prev_page_url": null,
        "to": 936,
        "total": 936
}
```