

- 0) **OAuth Token:** BQC89ugP8OhWxKJJbYKLJnk\_DH6x-5RF-gJeMf24rV3Gkc\_f4aAZudHF5bDGDkBYkkrDUMPRquBbBxtF7v6ssA1ybPeAjw0\_lQXa3O1VZ\_kaW\_uktB0smmSO35bvVYWS9I5oonJdjKZ4IYWbh6PWwEst3VHWAW-ucqaGnlkzuqjbuO7uy8Vf7oCzjhNA\_7iDQ0b
- 1) **Student name:** Jirat Jalaketu (Palm)
- 2) **REST API cURL command:** [https://api.spotify.com/v1/search?q=Sam Smith&type=artist](https://api.spotify.com/v1/search?q=Sam+Smith&type=artist)
- 3) **Example output data:**

```
{
  "artists" : {
    "href" :
"https://api.spotify.com/v1/search?query=Sam+Smith&type=artist&locale=en-US%2Cen%3Bq%3D0.9&offset=0&limit=20",
    "items" : [ {
      "external_urls" : {
        "spotify" : "https://open.spotify.com/artist/2wY79sveU1sp5g7SokK0iI"
      },
      "followers" : {
        "href" : null,
        "total" : 21580325
      },
      "genres" : [ "pop", "uk pop" ],
      "href" : "https://api.spotify.com/v1/artists/2wY79sveU1sp5g7SokK0iI",
      "id" : "2wY79sveU1sp5g7SokK0iI",
      "images" : [ {
        "height" : 640,
        "url" :
"https://i.scdn.co/image/ab6761610000e5eb10ca40ea0b0b5082dba0ff75",
        "width" : 640
      }, {
        "height" : 320,
        "url" :
"https://i.scdn.co/image/ab6761610000517410ca40ea0b0b5082dba0ff75",
        "width" : 320
      }, {
        "height" : 160,
        "url" :
"https://i.scdn.co/image/ab6761610000f17810ca40ea0b0b5082dba0ff75",
        "width" : 160
      } ],
      "name" : "Sam Smith",
```

```
"popularity" : 90,  
"type" : "artist",  
"uri" : "spotify:artist:2wY79sveU1sp5g7SokK0iI"  
}, ...  
}
```

#### 4) Describe what data is:

With the Spotify Developer Platform, you're able to read calculated audio features of tracks to learn about its danceability, energy, valence, and more. For more advanced use cases, it is possible to read in-depth analysis data about tracks such as the segments, tatoms, bars, beats, pitches, and more.

- *Mood*: Danceability, Valence, Energy, Tempo
- *Properties*: Loudness, Speechiness, Instrumentalness
- *Context*: Liveness, Acousticness
- *Segments*, Tatoms, Bars, Beats, Pitches, Timbre, and more

API Reference [Search for Item](#)

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Endpoint <https://api.spotify.com/v1/search>

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HTTP Method GET

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OAuth Required

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#### 5) URL linking to the REST API reference document for the public data repository you have obtained:

<https://developer.spotify.com/documentation/web-api/reference/#/operations/search>