

```
songs = song_list()
```

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 20718 entries, 0 to 20717

Data columns (total 28 columns):

| #   | Column       | Non-Null Count |          | Dtype   |    |                  |       |          |         |
|-----|--------------|----------------|----------|---------|----|------------------|-------|----------|---------|
| --- | -----        | -----          | -----    | -----   |    |                  |       |          |         |
| 0   | Unnamed: 0   | 20718          | non-null | int64   | 13 | Instrumentalness | 20716 | non-null | float64 |
| 1   | Artist       | 20718          | non-null | object  | 14 | Liveness         | 20716 | non-null | float64 |
| 2   | Url_spotify  | 20718          | non-null | object  | 15 | Valence          | 20716 | non-null | float64 |
| 3   | Track        | 20718          | non-null | object  | 16 | Tempo            | 20716 | non-null | float64 |
| 4   | Album        | 20718          | non-null | object  | 17 | Duration_ms      | 20716 | non-null | float64 |
| 5   | Album_type   | 20718          | non-null | object  | 18 | Url_youtube      | 20248 | non-null | object  |
| 6   | Uri          | 20718          | non-null | object  | 19 | Title            | 20248 | non-null | object  |
| 7   | Danceability | 20716          | non-null | float64 | 20 | Channel          | 20248 | non-null | object  |
| 8   | Energy       | 20716          | non-null | float64 | 21 | Views            | 20248 | non-null | float64 |
| 9   | Key          | 20716          | non-null | float64 | 22 | Likes            | 20177 | non-null | float64 |
| 10  | Loudness     | 20716          | non-null | float64 | 23 | Comments         | 20149 | non-null | float64 |
| 11  | Speechiness  | 20716          | non-null | float64 | 24 | Description      | 19842 | non-null | object  |
| 12  | Acousticness | 20716          | non-null | float64 | 25 | Licensed         | 20248 | non-null | object  |
|     |              |                |          |         | 26 | official_video   | 20248 | non-null | object  |
|     |              |                |          |         | 27 | Stream           | 20142 | non-null | float64 |

dtypes: float64(15), int64(1), object(12)

memory usage: 4.4+ MB



Masukan judul lagualone



Masukan penyanyi/artistnya: alan walker

Berapa banyak yang mau ditampilkan: 5

Rekomendasi lagu yang mirip dengan Alone oleh Alan Walker:

|   | Title   | Track         | Artist      | Album           |
|---|---|---------------|-------------|-----------------|
| 0 | Alan Walker, K-391 & Emelie Hollow - Lily (Mus... | Lily          | Alan Walker | Different World |
| 1 | Alan Walker - Faded                               | Faded         | Alan Walker | Different World |
| 2 | Alan Walker - Darkside (feat. Au/Ra and Tomine... | Darkside      | Alan Walker | Different World |
| 3 | Alan Walker, Sabrina Carpenter & Farruko - On...  | On My Way     | Alan Walker | World Of Walker |
| 4 | Alan Walker & Ava Max - Alone, Pt. II             | Alone, Pt. II | Alan Walker | World Of Walker |

```
[ ] songs.get_similiarities()
```



```
[(16674, 0.8697015417451881), (16668, 0.8354345404540671), (16671, 0.8105875950418123), (16673, 0.7398165396678023), (16670, 0.7022344328237596)]
```

| Valence | Acousticness | Danceability | Energy | Instrumentalness | Key  | Liveness | Loudness | Speechiness | Tempo   |
|---------|--------------|--------------|--------|------------------|------|----------|----------|-------------|---------|
| 0.183   | 0.229        | 0.673        | 0.914  | 0.000478         | 10.0 | 0.186    | -3.962   | 0.0496      | 97.021  |
| Valence | Acousticness | Danceability | Energy | Instrumentalness | Key  | Liveness | Loudness | Speechiness | Tempo   |
| 0.467   | 0.1960       | 0.423        | 0.634  | 0.000000         | 6.0  | 0.189    | -5.877   | 0.0578      | 150.978 |
| 0.159   | 0.0281       | 0.468        | 0.627  | 0.000008         | 6.0  | 0.110    | -5.085   | 0.0476      | 179.642 |
| 0.123   | 0.1310       | 0.430        | 0.606  | 0.000000         | 4.0  | 0.173    | -5.115   | 0.0431      | 169.988 |
| 0.235   | 0.0291       | 0.522        | 0.697  | 0.000000         | 1.0  | 0.319    | -5.288   | 0.1030      | 169.775 |
| 0.628   | 0.5390       | 0.673        | 0.659  | 0.000000         | 3.0  | 0.129    | -4.493   | 0.0439      | 88.011  |