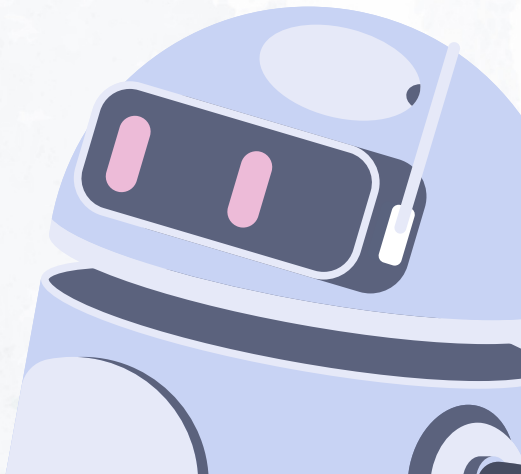


# Youtify

Group 1



# 題目背景說明

- 貼近生活的資料集（做起來比較有感）
- 了解影響音樂排行的因素
- 將進排名的項目，連結至 YouTube 觀看影片，方便聽其歌曲

# 資料欄位

#	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	
	title	artist	top_genre	year	released	added	hem	trrev	dnce	rb	live	val	dur	acous	tech	non	top_year	artist_type
1	STARSTRUCK 3OH3	dance pop	2009	20220217	140	81	61	-6	23	23	203	0	6	70	2010	Duo		
2	My First Kiss 3OH3	dance pop	2010	20220217	138	89	68	-4	36	83	192	1	8	68	2010	Duo		
3	I Need A Dri Alice Black	pop soul	2010	20220217	95	48	84	-7	9	96	243	20	3	72	2010	Solo		
4	Airplanes (ft B.o.B)	atl hip hop	2010	20220217	93	87	66	-4	4	38	180	11	12	80	2010	Solo		
5	Nostri on Y B.o.B	atl hip hop	2010	20220217	104	85	69	-6	9	74	268	39	5	79	2010	Solo		
6	Magic (feat. B.o.B)	atl hip hop	2010	20220217	82	93	55	-4	35	79	196	1	34	71	2010	Solo		
7	The Time (D Black Eyed	F dance pop	2010	20220217	128	81	82	-8	60	44	308	7	7	75	2010	Band/Group		
8	Imma Be Black Eyed	F dance pop	2009	20220217	92	52	60	-7	31	41	258	18	37	71	2010	Band/Group		
9	Talking to th Bruno Mars	dance pop	2010	20220217	146	59	50	-5	11	8	218	51	3	87	2010	Solo		
10	Just the Way Bruno Mars	dance pop	2010	20220217	109	84	64	-5	6	42	221	1	4	86	2010	Solo		
11	Teach Me Ho Cali Swag Di	pop rap	2011	20220217	85	44	85	-5	9	51	237	20	14	71	2010	Band/Group		
12	Forget You CeeLo Green	atl hip hop	2010	20220217	127	88	70	-4	16	77	223	13	6	69	2010	Solo		
13	Deuces (feat. Chris Brown)	dance pop	2011	20220217	74	74	69	-5	8	22	277	3	11	74	2010	Solo		
14	Memories (fe David Guetta	big room	2009	20220217	130	87	56	-6	25	50	210	0	34	74	2010	Solo		
15	Gettin' Over David Guetta	big room	2009	20220217	130	91	62	-5	8	45	188	18	8	55	2010	Solo		
16	All I Do Is W DJ Khalid	dance pop	2010	20220217	150	78	54	-4	16	28	233	1	19	55	2010	Solo		
17	Over Drake	canadian hip	2010	20220217	100	85	35	-6	12	45	234	1	20	72	2010	Solo		
18	Find Your L Drake	canadian hip	2010	20220217	96	61	63	-6	3	76	209	2	17	70	2010	Solo		
19	Barbra Streis Duck Sauce	disco house	2010	20220217	128	93	76	-2	22	46	195	0	10	61	2010	Duo		
20	Stereo Love Edward May	romantic h	2010	20220217	127	78	80	-4	8	59	185	3	3	71	2010	Solo		
21	Peak Up Ellie Gouldin	lith	2010	20220217	133	81	67	-6	21	87	191	30	8	46	2010	Solo		
22	Starry Eyed Ellie Gouldin	dance pop	2010	20220217	150	81	50	-5	32	60	177	14	4	59	2010	Solo		
23	Love The W Eminem	detroit hip ho	2010	20220217	87	93	75	-5	52	64	263	24	23	87	2010	Solo		
24	Not Afraid Eminem	detroit hip ho	2010	20220217	115	95	86	-1	21	67	248	53	26	85	2010	Solo		
25	I Like It Enrique Igles	dance pop	2010	20220217	129	94	65	-3	7	70	232	2	8	71	2010	Solo		
26	Kickstarts Example	dance pop	2010	20220217	126	84	61	-4	36	66	182	0	6	69	2010	Solo		
27	Like A G6 Far East Mov	asian america	2010	20220217	125	84	44	-8	12	78	217	1	45	75	2010	Band/Group		
28	Club Can't H Flo Rida	dance pop	2010	20220217	128	87	62	-4	6	47	235	3	3	81	2010	Solo		
29	Hot - Maibu INNA	dance pop	2010	20220217	128	71	128	6	26	51	224	6	14	43	2010	Solo		
30	Replay Iyaz	dance pop	2009	20220217	91	75	71	-6	17	20	182	17	7	78	2010	Solo		
31	Whatcha Say Jason Derulo	dance pop	2010	20220217	144	71	62	-6	14	71	221	4	8	72	2010	Solo		
32	Ruin' Solo Jason Derulo	dance pop	2010	20220217	89	83	44	-4	13	58	216	13	15	70	2010	Solo		
33	In My Head Jason Derulo	dance pop	2010	20220217	110	75	76	-4	35	85	199	3	3	67	2010	Solo		
34	Down Jay Sean	dance pop	2009	20220217	132	68	73	-4	8	73	213	1	3	83	2010	Solo		
35	Do You Rem Jay Sean	dance pop	2009	20220217	126	67	85	-5	10	82	211	2	7	74	2010	Solo		
36	Young Fore JAY-Z	east coast hip	2009	20220217	140	69	64	-3	21	10	254	42	7	71	2010	Solo		
37	Heartbreak W John Mayer	neo mellow	2009	20220217	97	55	62	-8	30	51	270	19	2	69	2010	Solo		
38	Half of My H John Mayer	neo mellow	2009	20220217	115	59	68	-9	11	73	250	44	3	68	2010	Solo		
39	Rider Justin Bieber	canadian pop	2010	20220217	65	86	73	-5	11	64	214	4	14	86	2010	Solo		

歌名

藝人

歌曲類型

發行年份

被加到Spotify熱門播放的時間

每分鐘節拍數

能量

舞蹈難易度

分貝

錄音現場的可能性

歌曲的正向度

時長

有多少原聲感

重視口語表達程度

熱門度

成為熱門單曲的年份

藝人的類型

# 資料初步分析



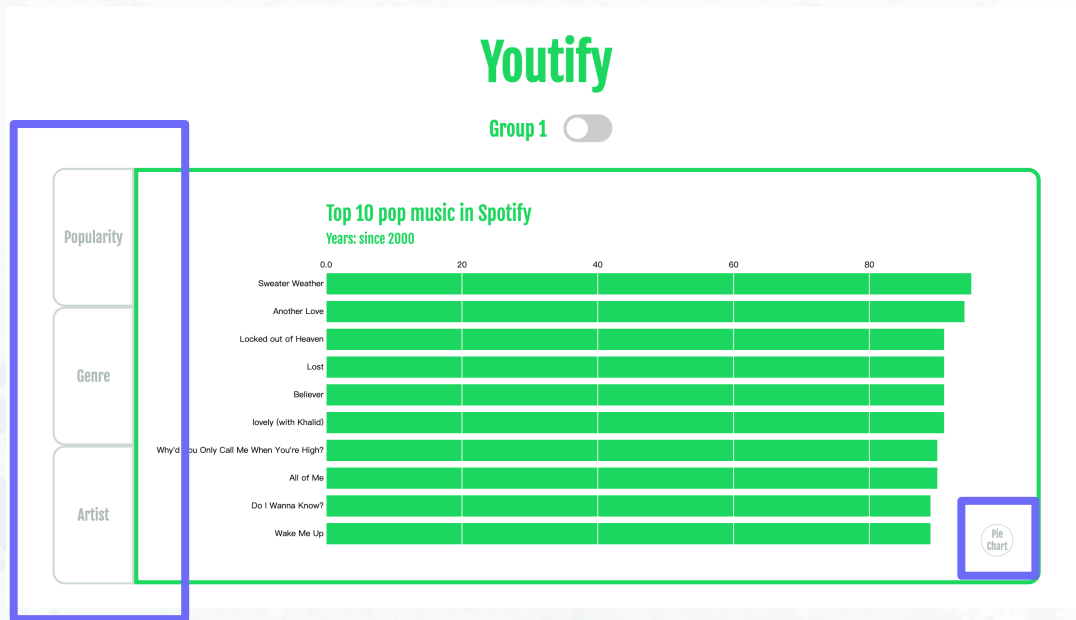
熱門度  
pop

歌手  
artist

類型  
top\_genre

## Button

在 index.html 中加入為  
圖表新增各種分類的按鈕



```
<div class="controls">  
  <button id="pop" data-name="pop">Popularity</button>  
  <button id="genre" data-name="genre">Genre</button>  
  <button id="artist" data-name="artist">Artist</button>  
</div>
```

```
<button id="switchButton" data-name="switch">Pie Chart</button>
```



# Dark mode

## index.html

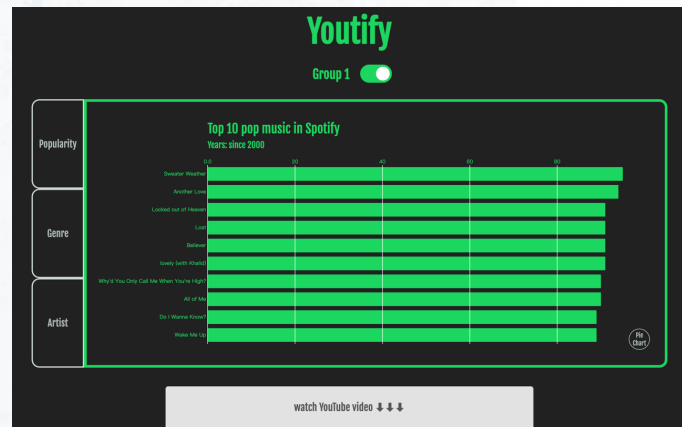
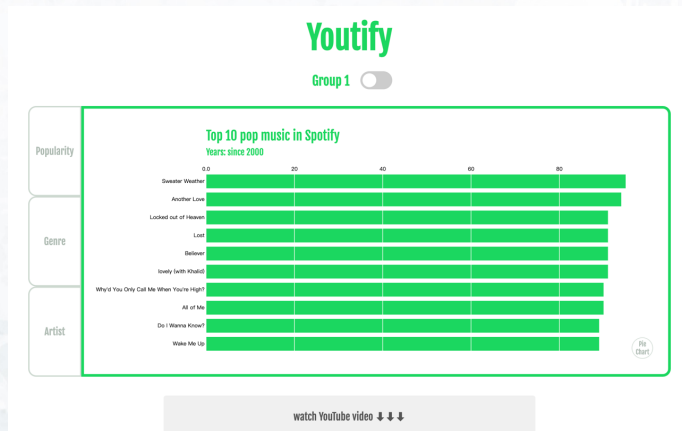
```
<label class="switch">
  <input type="checkbox">
  <span class="slider round" data-name="dark" onclick="darkmode()"></span>
</label>
```

## style.css

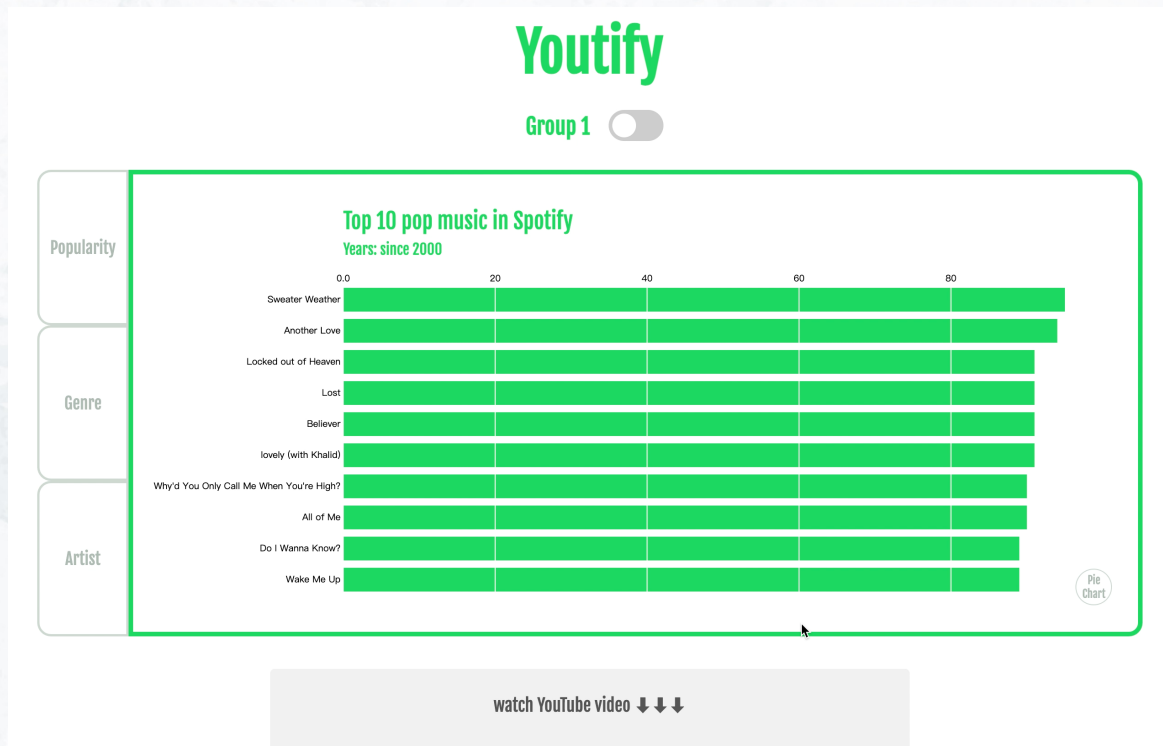
```
.dark{
  background-color: #212121;
  color: #1ED760;
}
```

## main.js

```
// 暗黑模式
function darkmode() {
  var element = document.body;
  element.classList.toggle("dark");
}
```



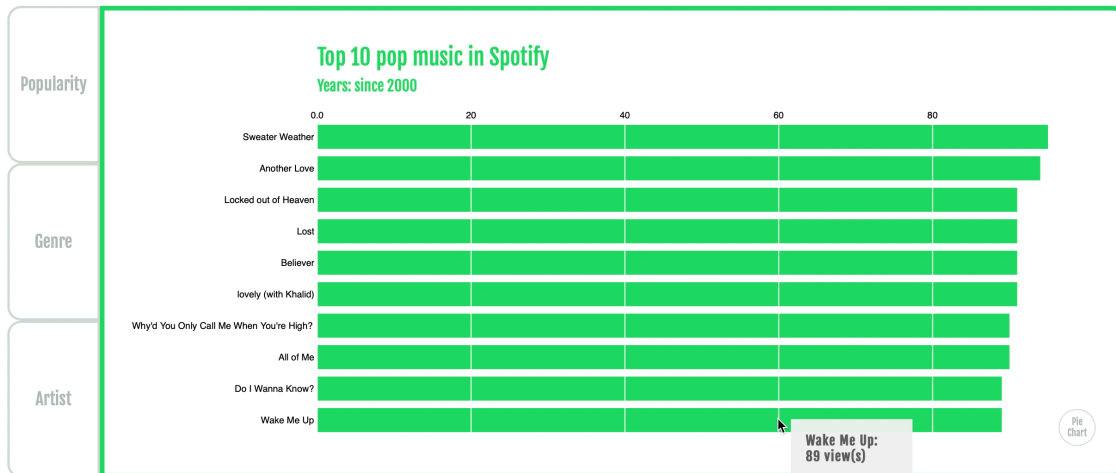
# Bar chart/ Pie chart 切换



# 播放 YouTube 影片



Group 1 ☐



watch YouTube video ↓ ↓ ↓

Title: Wake Me Up

Artist: Avicii

Top Genre: dance pop

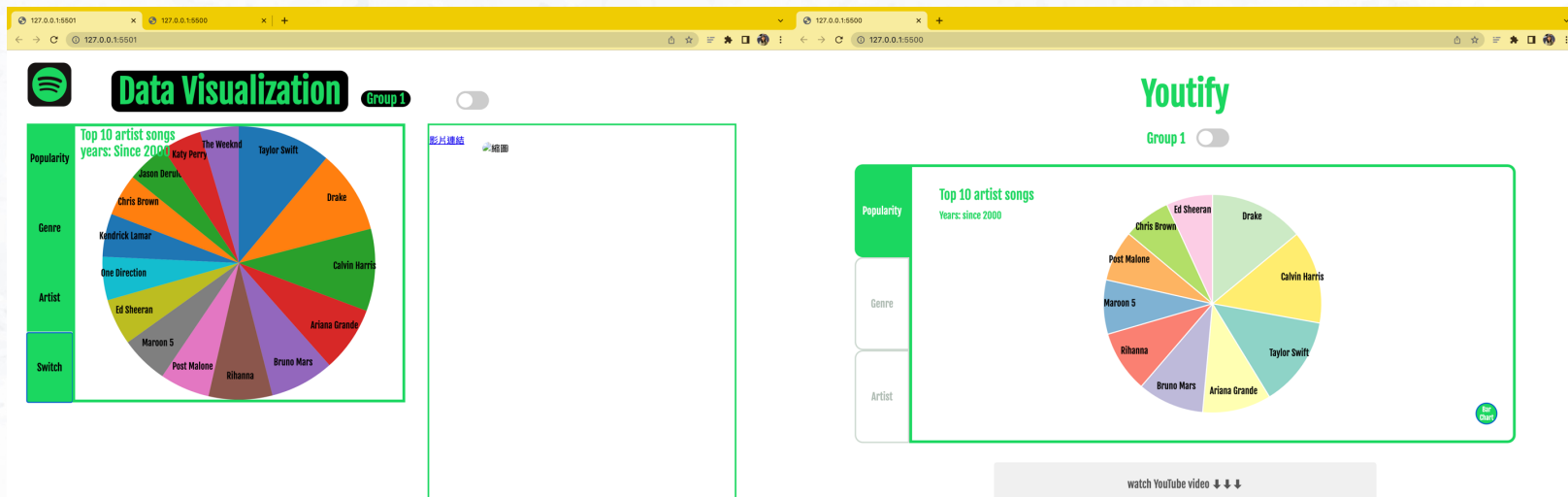


排列與色彩

Button

響應式網頁版面調整

其他細節



Before

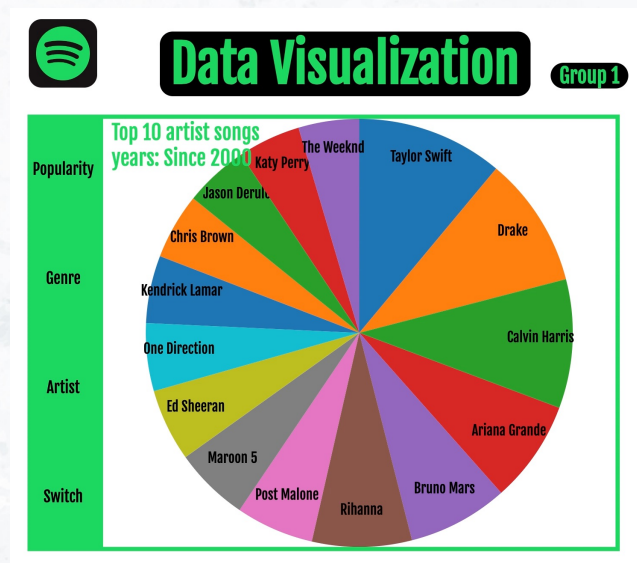
After

排列與色彩

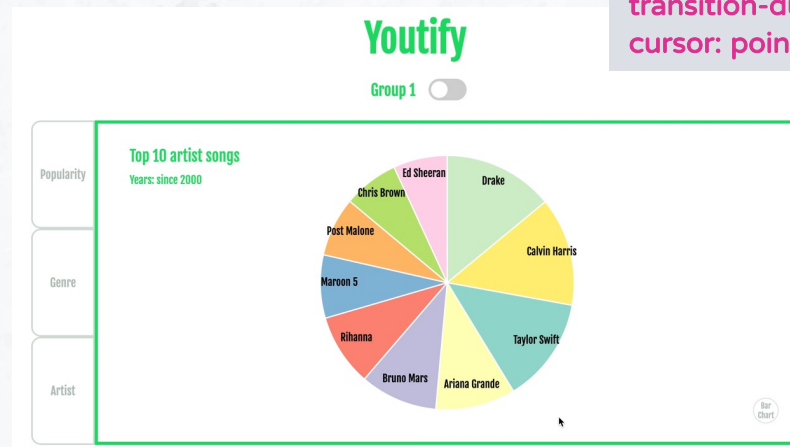
Button

響應式網頁版面調整

其他細節



Before



加入：  
transition-duration  
cursor: pointer

After