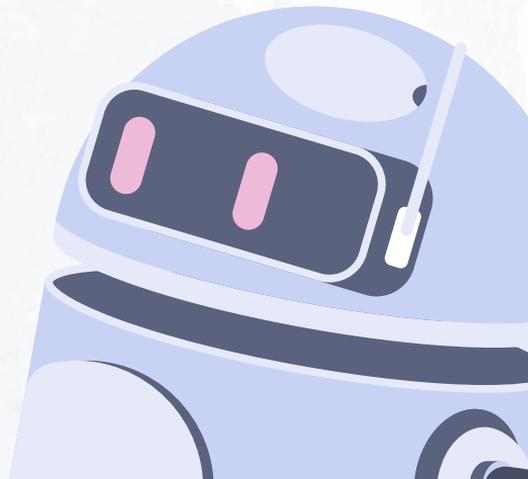


Youtify

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	
id	title	artist	top_genre	year	released	added	hbm	trrev	dnce	rb	live	val	dur	acous	trch	non	top_year	artist_type
1	STARSTRUP	3OH3	dance pop	2009	20220217	140	81	61	-6	23	23	203	0	6	70	2010	Duo	
3	My First Kiss	3OH3	dance pop	2010	20220217	138	89	68	-4	36	83	192	1	8	68	2010	Duo	
1	I Need A Dof	Alice Black	pop soul	2010	20220217	95	48	84	-7	9	96	243	20	3	72	2010	Solo	
5	Airplanes (ft. B.o.B		atl hip hop	2010	20220217	93	87	66	-4	4	38	180	11	12	80	2010	Solo	
3	Nostri on Y!	B.o.B	atl hip hop	2010	20220217	104	85	69	-6	9	74	268	39	5	79	2010	Solo	
7	Maac (feat. H.B.o.B		atl hip hop	2010	20220217	82	93	55	-4	35	79	196	1	34	71	2010	Solo	
3	The Time (DJ Black Eyed		F dance pop	2010	20220217	128	81	82	-8	60	44	308	7	7	75	2010	Band/Group	
7	Imma Be	Black Eyed F	dance pop	2009	20220217	92	52	60	-7	31	41	258	18	37	71	2010	Band/Group	
0	Talking to hi	Bruno Mars	dance pop	2010	20220217	146	59	50	-5	11	8	218	51	3	87	2010	Solo	
1	Just the Way	Bruno Mars	dance pop	2010	20220217	109	84	64	-5	6	42	221	1	4	86	2010	Solo	
2	Teach Me Ho Cali	Swag Di	pop rap	2011	20220217	85	44	85	-5	9	51	237	20	14	71	2010	Band/Group	
3	Forget You	CeeLo Green	atl hip hop	2010	20220217	127	88	70	-4	16	77	223	13	6	69	2010	Solo	
4	Deuces (feat. Chris Brown		dance pop	2011	20220217	74	74	69	-5	8	22	277	3	11	74	2010	Solo	
5	Memories (fe David Guetta		big room	2009	20220217	130	87	56	-6	25	50	210	0	34	74	2010	Solo	
6	Gettin' Over ' David Guetta		big room	2009	20220217	130	91	62	-5	8	45	188	18	8	55	2010	Solo	
7	All I Do Is W DJ	Khaled	dance pop	2010	20220217	150	78	54	-4	16	28	233	1	19	55	2010	Solo	
8	Over	Drake	canadian hip	2010	20220217	100	85	35	-6	12	45	234	1	20	72	2010	Solo	
9	Find Your Lz	Drake	canadian hip	2010	20220217	96	61	63	-6	3	76	209	2	17	70	2010	Solo	
0	Barbra Streis	Duck Sauce	disco house	2010	20220217	128	93	76	-2	22	46	195	0	10	61	2010	Duo	
1	Stereo Love	Edward Mayr	romanticism	2010	20220217	127	78	80	-4	8	59	185	3	3	71	2010	Solo	
2	Back Up	Ellie Gouldin	disco	2010	20220217	133	81	67	-6	21	87	191	30	8	46	2010	Solo	
3	Starry Eyed	Ellie Gouldin	dance pop	2010	20220217	150	81	50	-5	32	60	177	14	4	59	2010	Solo	
4	Love The W	Eminem	detroit hip ho	2010	20220217	87	93	75	-5	52	64	263	24	23	87	2010	Solo	
5	Nes Afraid	Eminem	detroit hip ho	2010	20220217	115	95	86	-1	21	67	248	53	26	85	2010	Solo	
6	I Like It	Enrique Iglesias	dance pop	2010	20220217	129	94	65	-3	7	70	232	2	8	71	2010	Solo	
7	Kickstarts	Example	dance pop	2010	20220217	126	84	61	-4	36	66	182	0	6	69	2010	Solo	
8	Like A G6	Far East Mov	asian america	2010	20220217	125	84	44	-8	12	78	217	1	45	75	2010	Band/Group	
9	Club Can't H	Flo Rida	dance pop	2010	20220217	128	87	62	-4	6	47	235	3	3	81	2010	Solo	
0	Hes - Maibu	JNSA	dance pop	2010	20220217	138	71	83	-8	26	51	224	6	14	43	2010	Solo	
1	Renlay	Iyaz	dance pop	2009	20220217	91	75	71	-6	17	20	182	17	7	78	2010	Solo	
2	Whatcha Say	Jason Derulo	dance pop	2010	20220217	144	71	62	-6	14	71	221	4	8	72	2010	Solo	
3	Riite! Solo	Jason Derulo	dance pop	2010	20220217	89	83	44	-4	13	58	216	13	15	70	2010	Solo	
4	In My Head	Jason Derulo	dance pop	2010	20220217	110	75	76	-4	35	85	199	3	3	67	2010	Solo	
5	Down	Jay Sean	dance pop	2009	20220217	132	68	73	-4	8	73	213	1	3	83	2010	Solo	
6	Do You Rem	Jay Sean	dance pop	2009	20220217	126	67	85	-5	10	82	211	2	7	74	2010	Solo	
7	Young Forev	JAY-Z	east coast hip	2009	20220217	140	69	64	-3	21	10	254	42	7	71	2010	Solo	
8	Heartbreak W	John Mayer	neo mellow	2009	20220217	97	55	62	-8	30	31	270	19	2	69	2010	Solo	
9	Half of My H	John Mayer	neo mellow	2009	20220217	115	59	68	-9	11	73	250	44	3	68	2010	Solo	
0	Rahu	Justin Bieber	canadian pop	2010	20220217	65	86	73	-5	13	64	314	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

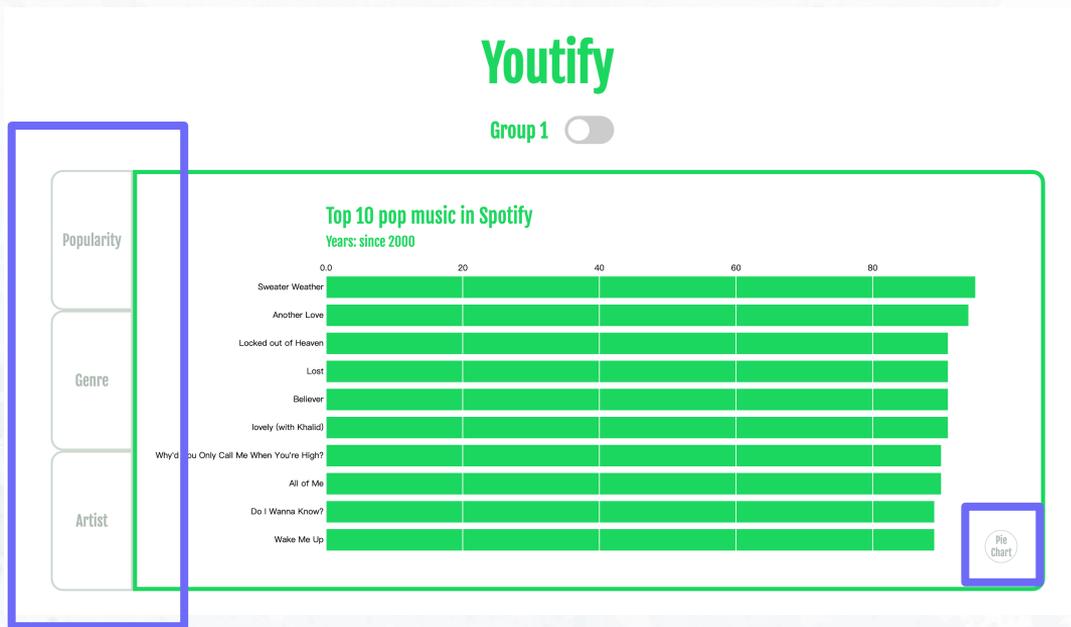
熱門度
pop

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

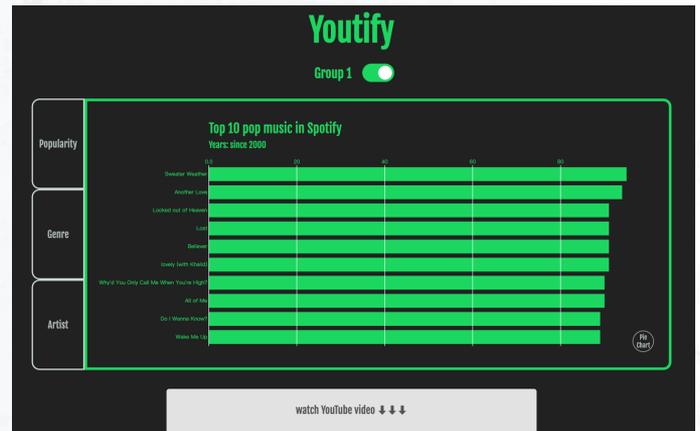
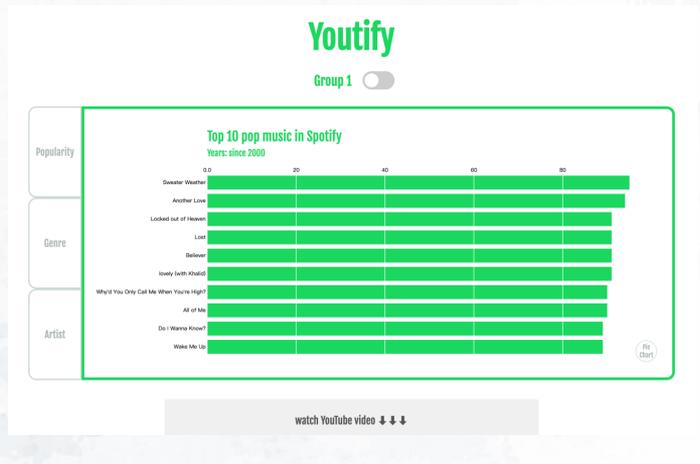
```
<label class="switch">
  <input type="checkbox">
  <span class="slider round" data-name="dark" onclick="darkmode()"></span>
</label>
```

style.css

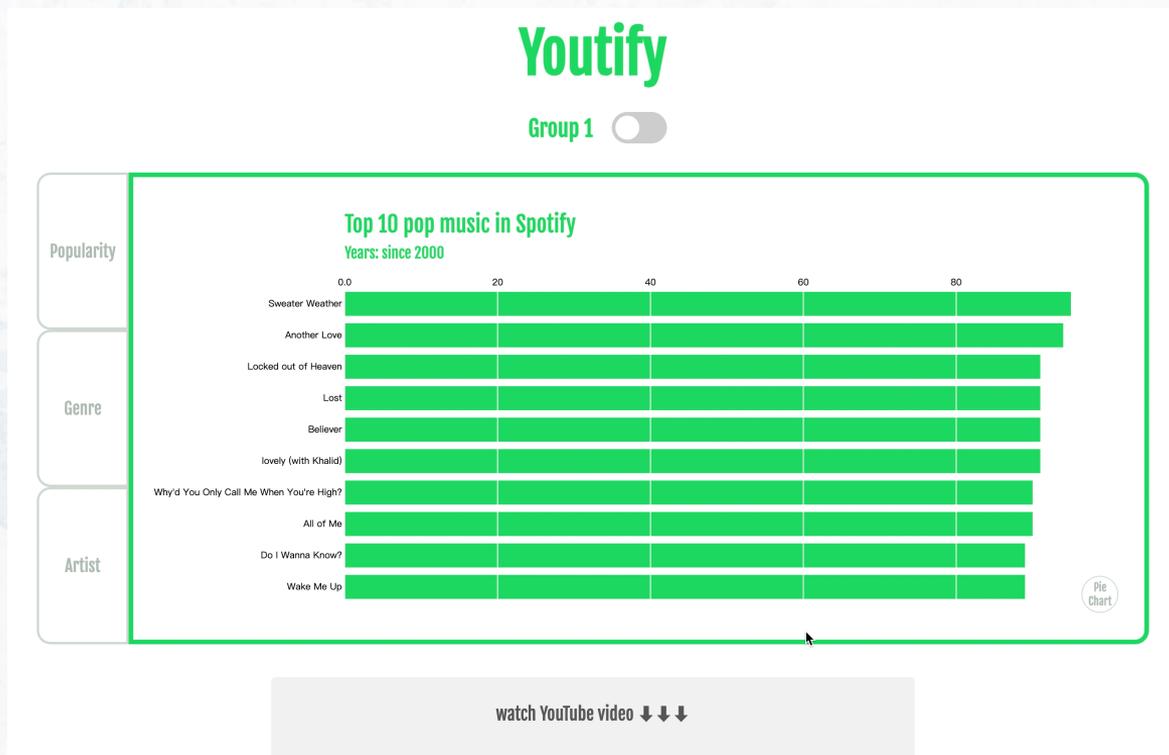
```
.dark{
  background-color: #212121;
  color: #1ED760;
}
```

main.js

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



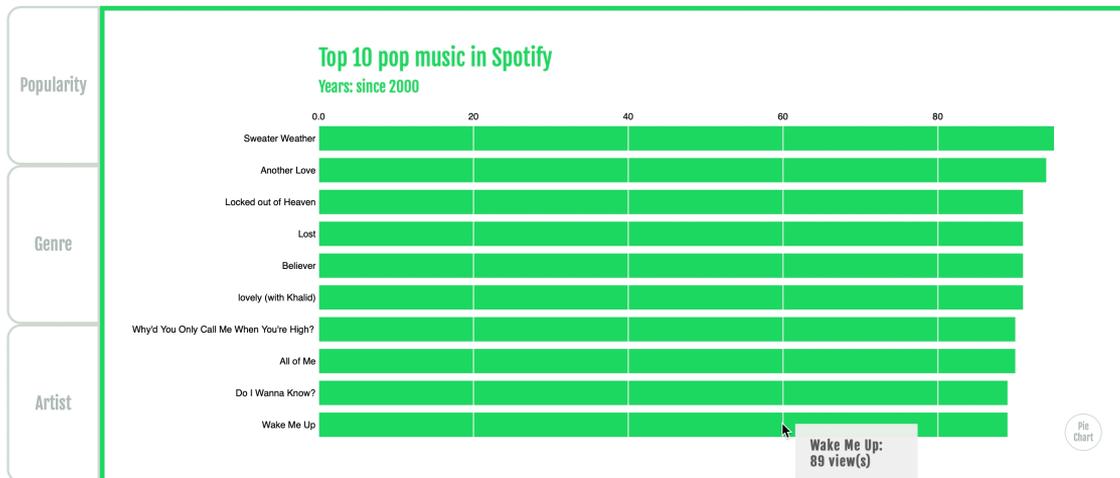
Bar chart/ Pie chart 切换



播放 YouTube 影片



Group 1



Wake Me Up:
89 view(s)

Title: Wake Me Up

Artist: Avicii

Top Genre: dance pop

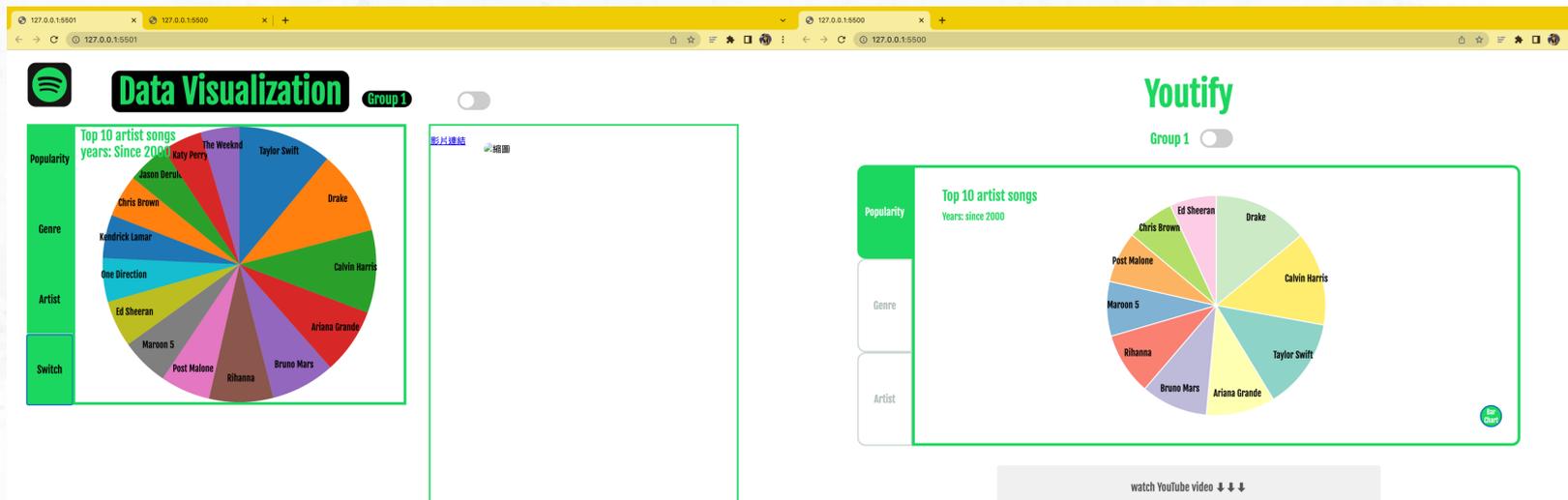
watch YouTube video ↓ ↓ ↓

排列與色彩

Button

響應式網頁版面調整

其他細節



Before

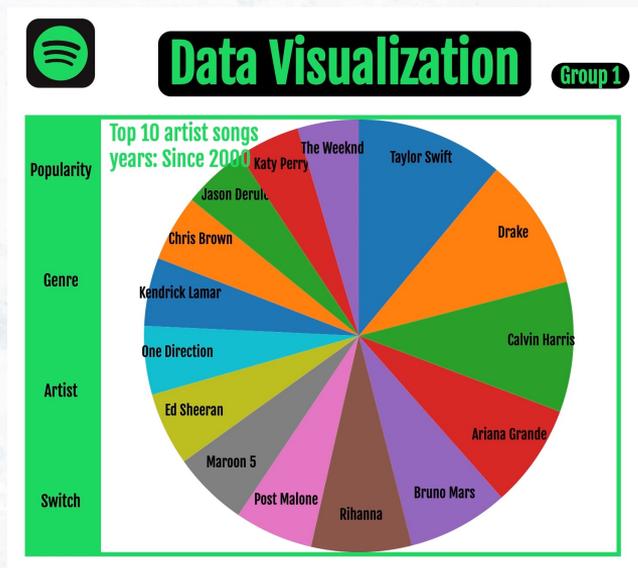
After

排列與色彩

Button

響應式網頁版面調整

其他細節



Before



After