

Searching For The Sound

Matt Edrich









The Standard

- 365 million monthly users
- 30 songs “you’ve never heard before” every Monday morning
- I save perhaps one in four songs recommended
- Collaborative filtering + content filtering + audio feature similarity

Critiques

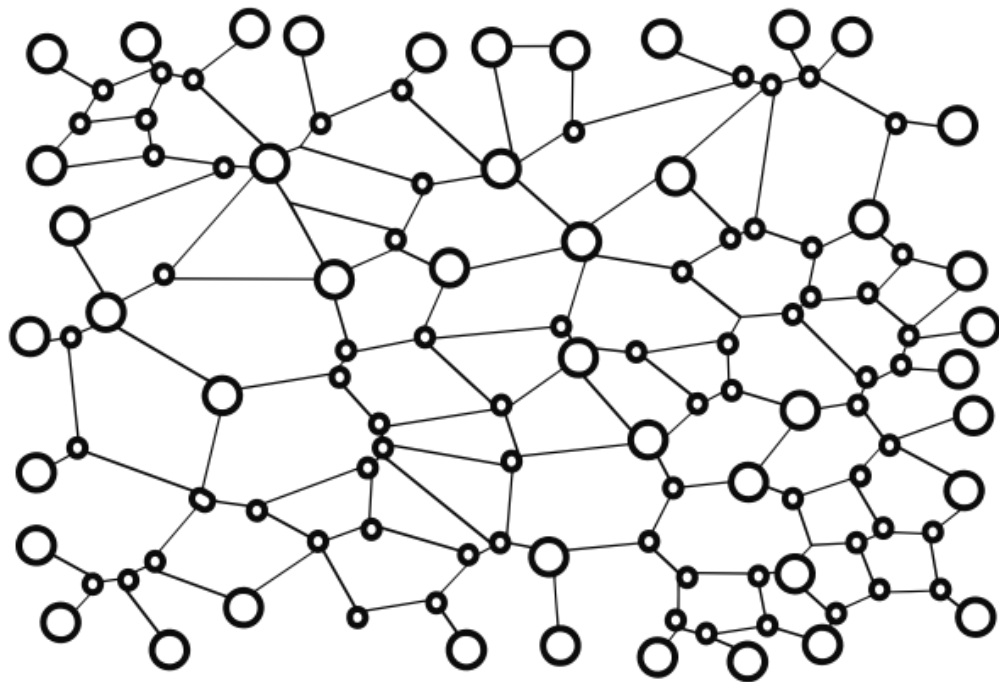
- Why do artists I already follow show up?
- What if I outgrow/grow into genres?
- How is diversity automated?

The screenshot shows the Spotify Discover Weekly playlist page. At the top, there's a header with navigation arrows, a user profile for 'Matt Edrich', and a 'PUBLIC PLAYLIST' label. The main title 'Discover Weekly' is prominently displayed in large white font. Below the title, a subtitle reads: 'Your weekly mixtape of fresh music. Enjoy new music and deep cuts picked for you. Updates every Monday.' Further down, it says 'Made for Matt Edrich • 1 like • 30 songs, 1 hr 53 min'. Below this is a control bar with a play button, a heart icon, a download icon, and a menu icon. On the right of the control bar are a search icon and a 'Custom order' dropdown. The main content area is a table listing 30 songs, with the first 8 visible. Each row includes a rank number, a song title, an album title, the date added, a heart icon for likes, and the song duration.

#	TITLE	ALBUM	DATE ADDED		
1	 Santa Cruz Tomorrow French Cassettes	Rolodex	1 day ago		2:49
2	 Vortex Stolen Nova	Vortex	1 day ago		3:37
3	 Low Era Geese	Projector	1 day ago	♥	4:15
4	 I Don't Think We Should Wait sir Was	Let The Morning Come	1 day ago	♥	5:01
5	 I Don't Know Sjowgren	I Don't Know	1 day ago		3:15
6	 Alberto Balsalm Taylor Haskins	Recombination	1 day ago		3:45
7	 The Loop Toro y Moi	MAHAL	1 day ago		4:01
8	 Crab Walking Home In The Rain	Crab Walking Home In The Rain	1 day ago		3:08

Musical Adjacency

Every Noise At Once



Data

~ 395,000 artists

> 5,000 genres

Artist similarity can be determined by calculating cosine similarities between the 'genre profile' of two artists

	A	B	C	D	E	F	G	H
1	artist	similar artist #0	similar artist #1	similar artist #2	similar artist #3	similar artist #4	similar artist #5	similar artist #6
2	À La Mode	The Noble Thiefs	Micah Engelberg	The Weakerthens	Keith And Renee	Odder than the Otters		
3	Avyite	GoldAshez	Better Call Soul	Timothy Infinite	Terrence Woods	Zil Bajl	Jackson Hacking	
4	"Blue" Gene Tyranny	We Leave At Midnight	Something Fiction					
5	"Dusty Roads" Rowe	Joe Meek & the Blue Men	Harry Patch	Gary Stoyant	Eliert Pilaon	Jan Terri		
6	"O"	Amnesia	The Maxx	Bizz Nizz	Deck 8-9	Tribal Ghost (Andy D&Vx)	Rhythm Device	
7	#2Mashi	Artik & Asti	Sam Wick	TamerdanAloea	Victoria Dayneko	Ssta Family		
8	\$ J.R	Tex Garcia	Chalie Boy	Partners-N-Crime	Thug Brothers			
9	Sarbhak	Young Galib	Danilo	ACHARVA	Hard Kaur	Chandan Shetty		
10	Sink	Sasogon JP	SYASBOY	EGO	WONSG			
11	Skumbag Deuce	Jae Skesse	Duffel Bag Hotlie	Knuckles Boinn	Nescho	TBE MASYBAGG		
12	Slutrot	Rites to Sedition	Tattermask	Malebolio	Hephzstus			
13	Snape	Southkross	Jeremy King	Pop2wavy				
14	Spitt Gurtz	kan	16blocksoldior	Ken Carlson Archive	Ken Carlson	Icridiamonds	U Shine	
15	Sweet	Sparkesykkelgutta	Jertter & S&Vnn	Aclis & Malou	Zero Gravity 2019	FC		
16	Tpisi	Judith Gayle	Ostrogod Collins	Jadee & Sheryn Gardner	Troy Anthony	Jabranono		
17	'Legally Blonde' Greek Chorus	Clark Johnson	Sara Ramirez	Michelle Federer	Lauren Kennedy	Daniel Everidge		
18	+12/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221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Searching For The Sound

[Listen For The Secret](#)

Searching For The Sound

Hello! Welcome to Searching For The Sound, a new means of discovering music in the post-genre reality of 2022

Who do you want to find similar bands for?

Future Work

Optimize runtime

Improve visuals

Refine and expand database

Implement interactive, expand-on-demand web format

Thank you for your attention - any questions?