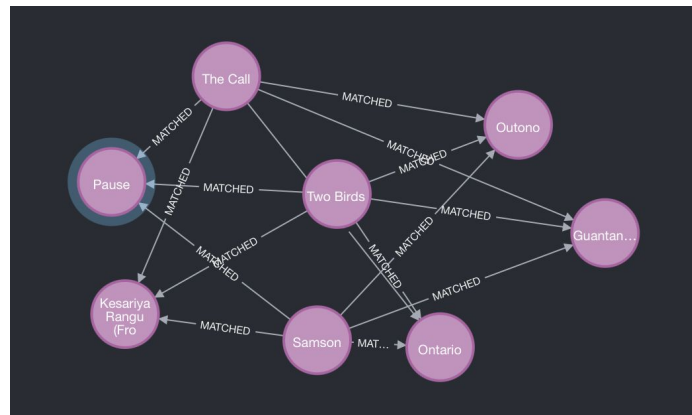# Neo4j Song Recommendation Algorithm

Our song recommendation algorithm adds all the songs of the given artist to the database then adds 1000 more randomly sampled songs not by that artist. We then connect each song by the given artist to all the other songs not by that same artist and each edge stores the euclidean distance between the songs, stored as nodes, calculated using the normalized feature values of the songs. To get the top 5 songs we take the 5 smallest euclidean distances stored in the edges between nodes.

Nodes: 1503   Edges: 4500

"Novo Amor;Ed Tullett;Lowswimmer"	"Ontario"	"Heiress"
"Guitarricadelafuente"	"Guantanamera"	"Guantanamera"
"Melim;Djavan"	"Outono"	"Outono"
"Prateek Kuhad"	"Pause"	"Pause"
"Pritam;Sanjith Hegde;Sid Sriram"	"Kesariya Rangu (From "Brahmastra (Kannada)")"	"Kesariya Rangu [From "Brahmastra (Kannada)"]"

Brian, Ben, Nino, Narayan