

Are there any suggestions you could make about the structure of our data?

Effectively, this structure could be better and get a better performance at the same time store more significant data. Some of my suggestions are:

- Artists could be a table by itself, and may contain: id as primary key, name, last name, age of birth, and more useful data. And this table will be related with the Songs table, having on Songs a foreign key from Artists table.
- Songs table should had an id field as a primary key, to get a better control and order of data.
- The relation between Songs and Genres could be N to N, having an intermediate table named GenresBySong. As result of it, we can have songs with multiple genres.
- On the Songs table, name and artist field size could be smaller, like varchar(64) or varchar(128) maximum. This prevent waste memory.

What fields would you index in these tables?

To be honest, I would not index any field. This because tables had a reduced number of fields, and indexes work well in tables with a large number of fields, to prevent full table scans. If I index some field on some table, performance issues will be generated.