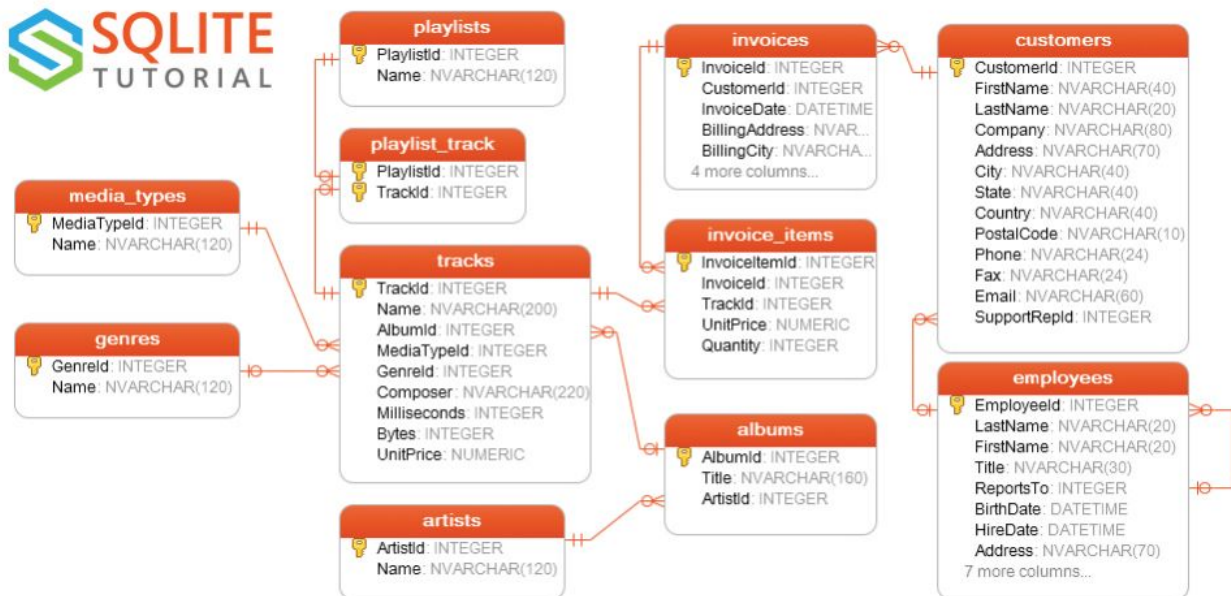


ELİF DOĞAN DAR- CHINOOK PROJECT

This is an independent project¹ suggested in “Learn SQL” course of Codecademy using SQLite sample database “chinnook”². I took and finished this course to polish SQL skills I gained on the course “Biological Databases And Data Analysis Tools- BIN 503” at METU. I used SQLite and DB Browser for SQLite. Database diagram can be found below:



Questions answered on this project are:

- 1) Which tracks appeared in the most playlists? How many playlist did they appear in?
- 2) Which track generated the most revenue, which album and which genre?
- 3) Which countries have the highest sales revenue? What percent of total revenue does each country make up?
- 4) How many customers did each employee support, what is the average revenue for each sale, and what is their total sale?
- 5) Do longer or shorter length albums tend to generate more revenue? (A scatter plot of revenue versus album length can be found as the file “revenue_vs_length.png”)
- 6) Is the number of times a track appear in any playlist a good indicator of sales?
- 7) How much revenue is generated each year, and what is its percent change from the previous year?

¹<https://discuss.codecademy.com/t/data-science-independent-project-2-explore-a-sample-database/419945>

² <http://www.sqlitetutorial.net/sqlite-sample-database/>