

D.F.N.D

SQL Project

Chinook Database

Abd ElRhman Mohamed

Artist

<u>ArtistId</u>
Name

Album

<u>AlbumId</u>
Title
ArtistId

Track

<u>TrackId</u>
Name
AlbumId
MediaTypeId
GenreId
Composer
Milliseconds
Bytes
UnitPrice

PlaylistTrack

<u>PlaylistId</u>
<u>TrackId</u>

InvoiceLine

<u>InvoiceLineId</u>
InvoiceId
TrackId
UnitPrice
Quantity

Customer

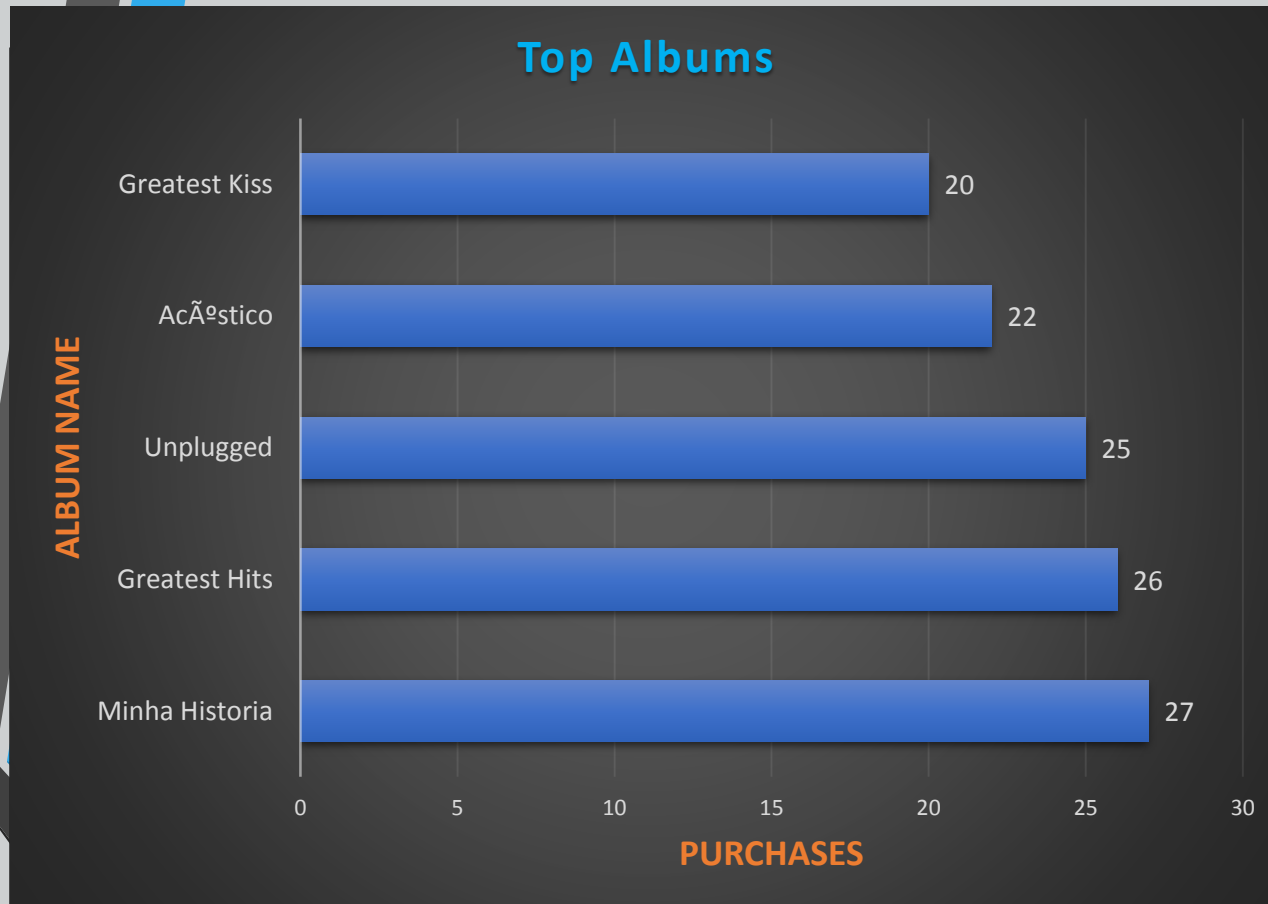
<u>CustomerId</u>
FirstName
LastName
Company
Address

Invoice

<u>InvoiceId</u>
CustomerId
InvoiceDate
BillingAddress
BillingCity
BillingState
BillingCountry
BillingPostalCode
Total

project (3)

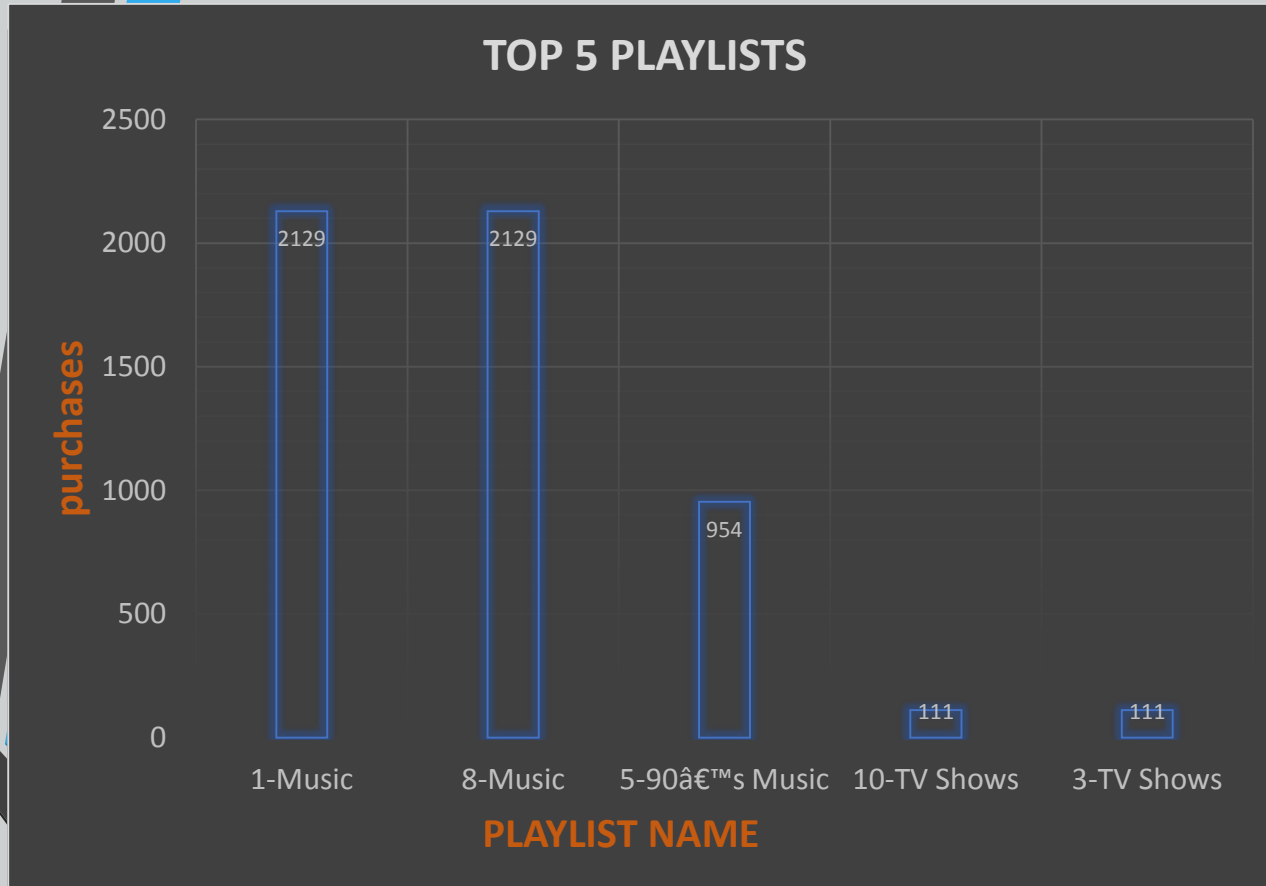
What're the top 5 albums?



As in the shown graph the most popular Album is "Minha Historia" which have 27 purchases for its songs , then "Greatest Hits" which have 26 purchases for its songs, "Unplugged" takes the third place with 25 purchases for its songs, "Acãstico" takes the fourth place with 22 purchases for its songs, as well as "Greatest Kiss" takes the fifth place with 20 purchases for its songs.

So the top 5 albums are "Minha Historia", "Greatest Hits", "Unplugged", "Acãstico" and "Greatest Kiss"

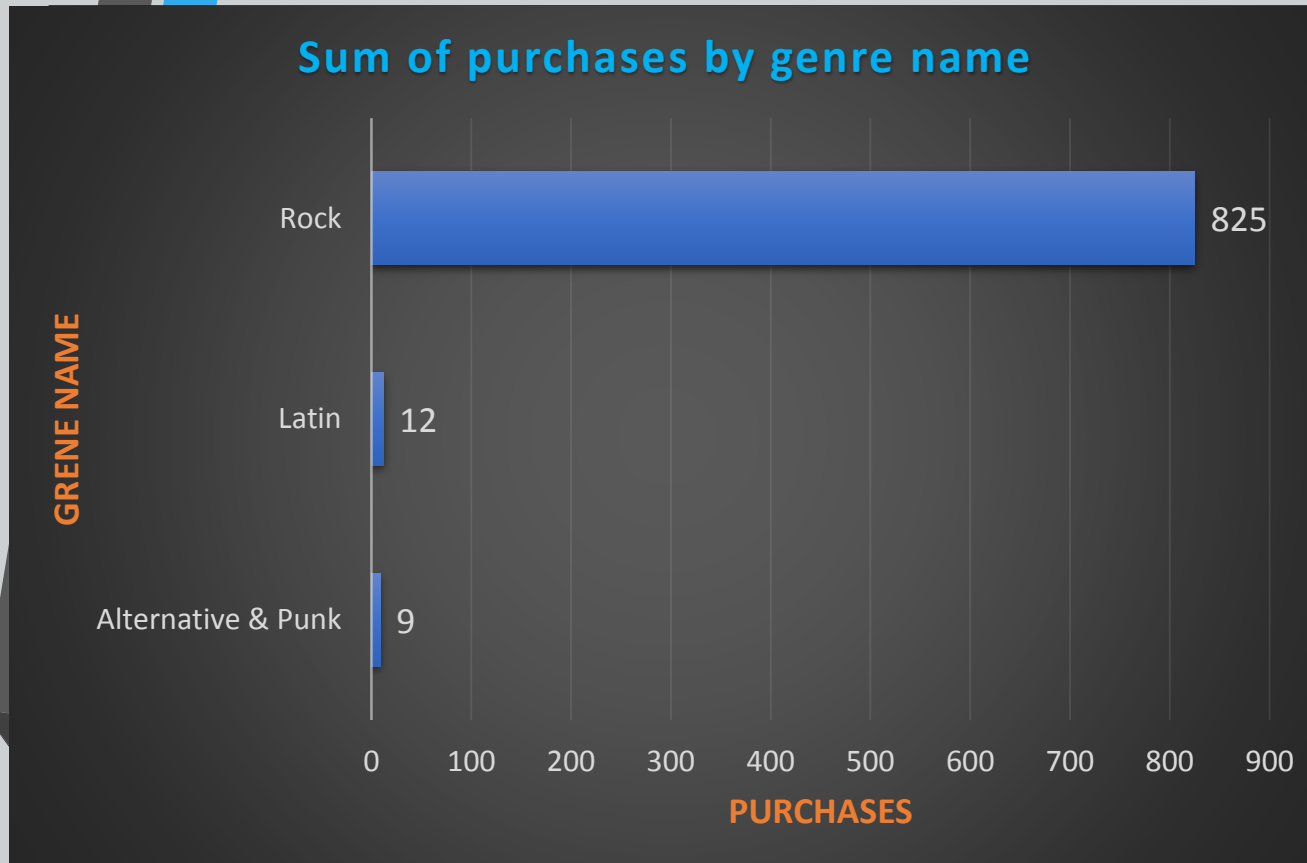
What're the top 5 playlists?



The most popular playlists both called **music** but one with id="1" the other with id="8" with **2129** purchases for there songs, in the third place we can see "**90's Music**" which has **954** purchases of its songs as well as both "**TV Shows**"(with id=10 and id=3) have 111 purchases of there songs.

So music(with id 1, & id 8) are the most popular rather than any play list with huge gap between it and any playlist.

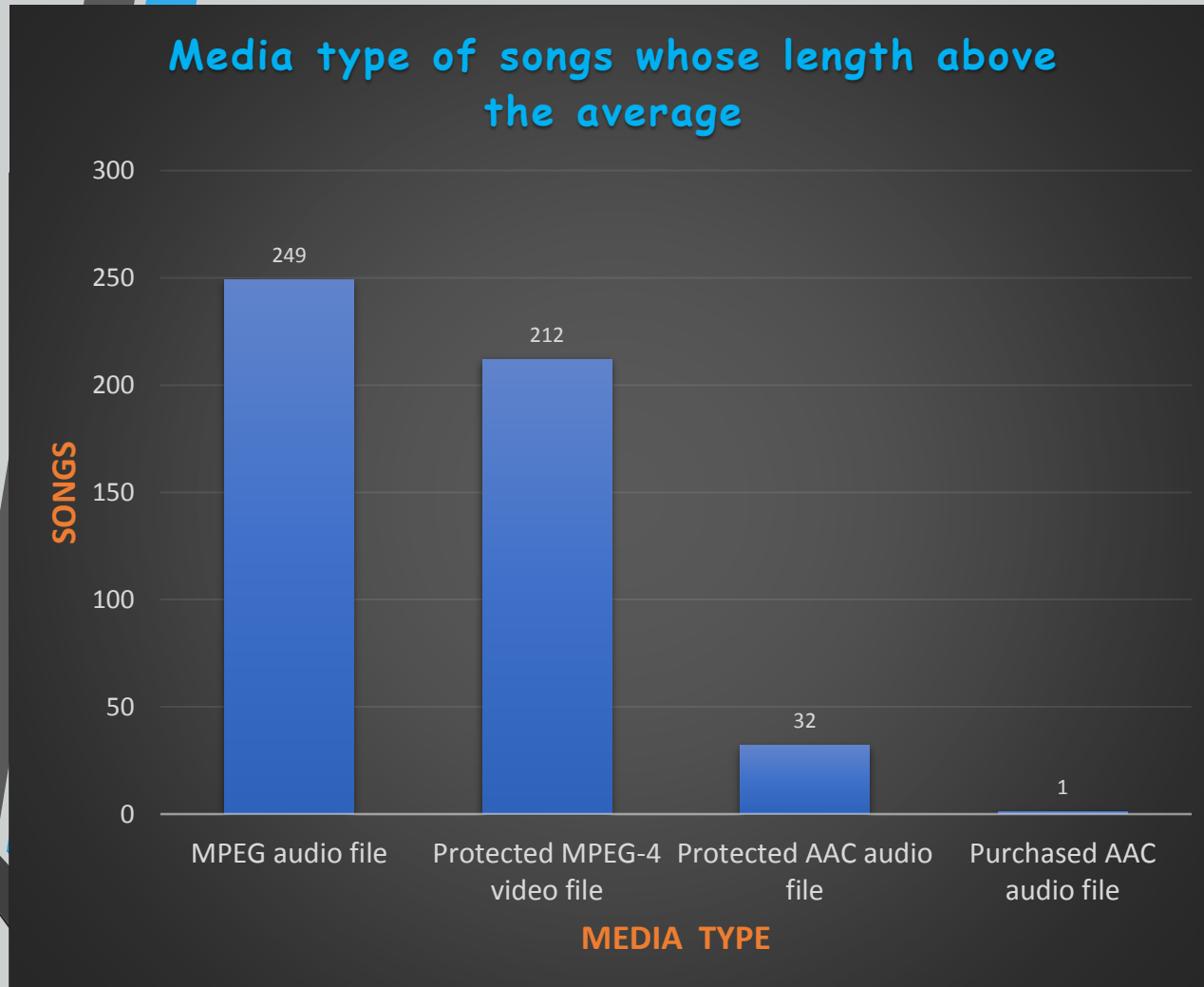
what genre is the preference of top customer in each country? how much purchases happened in total for each genre ?



The preference genre of top customer in each country is "rock" with 825 purchases for rock songs, then 12 purchases for Latin songs and 9 purchases for Alternative & Punk songs.

So the Rock takes the first place with large gap between it and any genre!

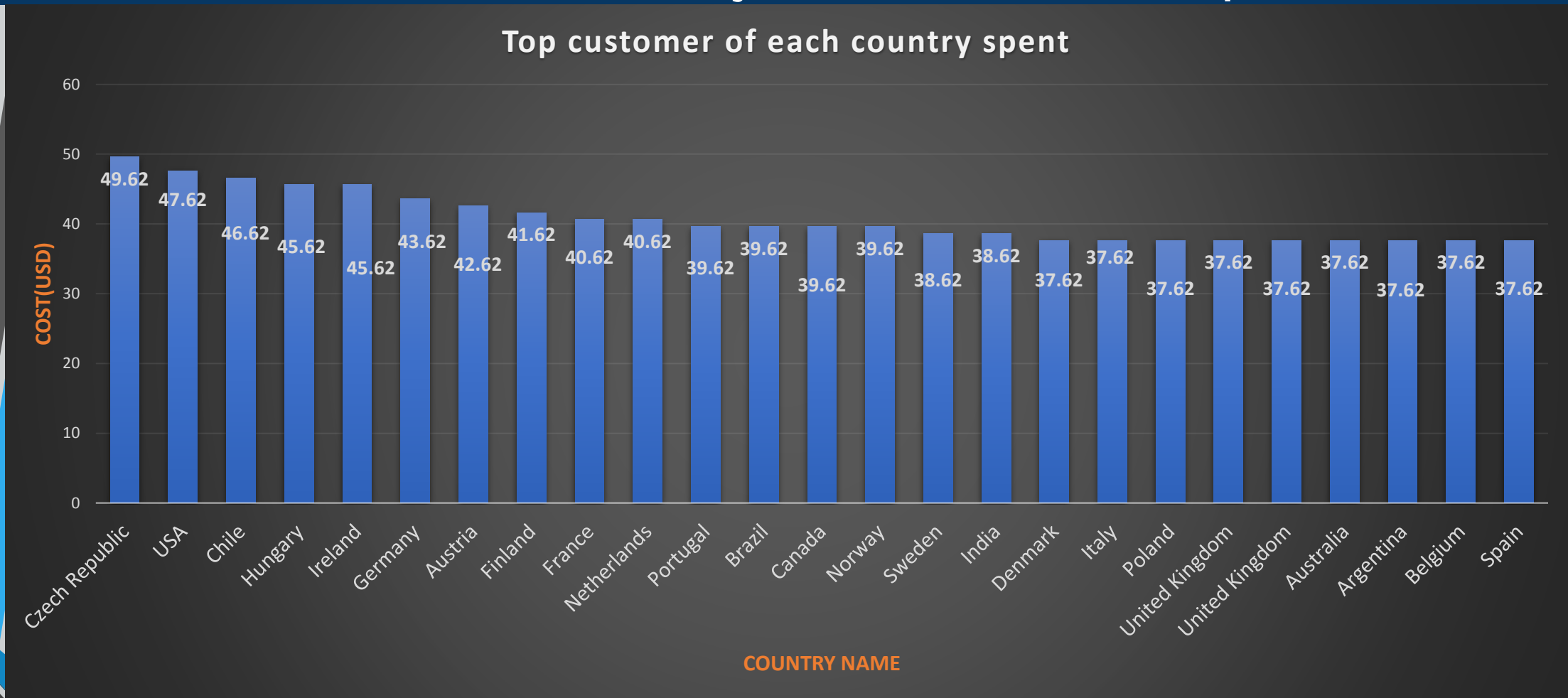
What's the most media type used for songs whose length over the average length of songs?



the most media type used for songs whose length over the average length of songs is "MPEG audio" with 249 purchases for "MPEG audio files" songs, then in the second place "Protected MPEG-4 video" with 212 purchases for its songs, then 32 purchases for "Protected AAC audio file" and 1 purchased for "Purchased AAC audio file".

So the most purchases for "MPEG audio" and "Protected MPEG-4 video"

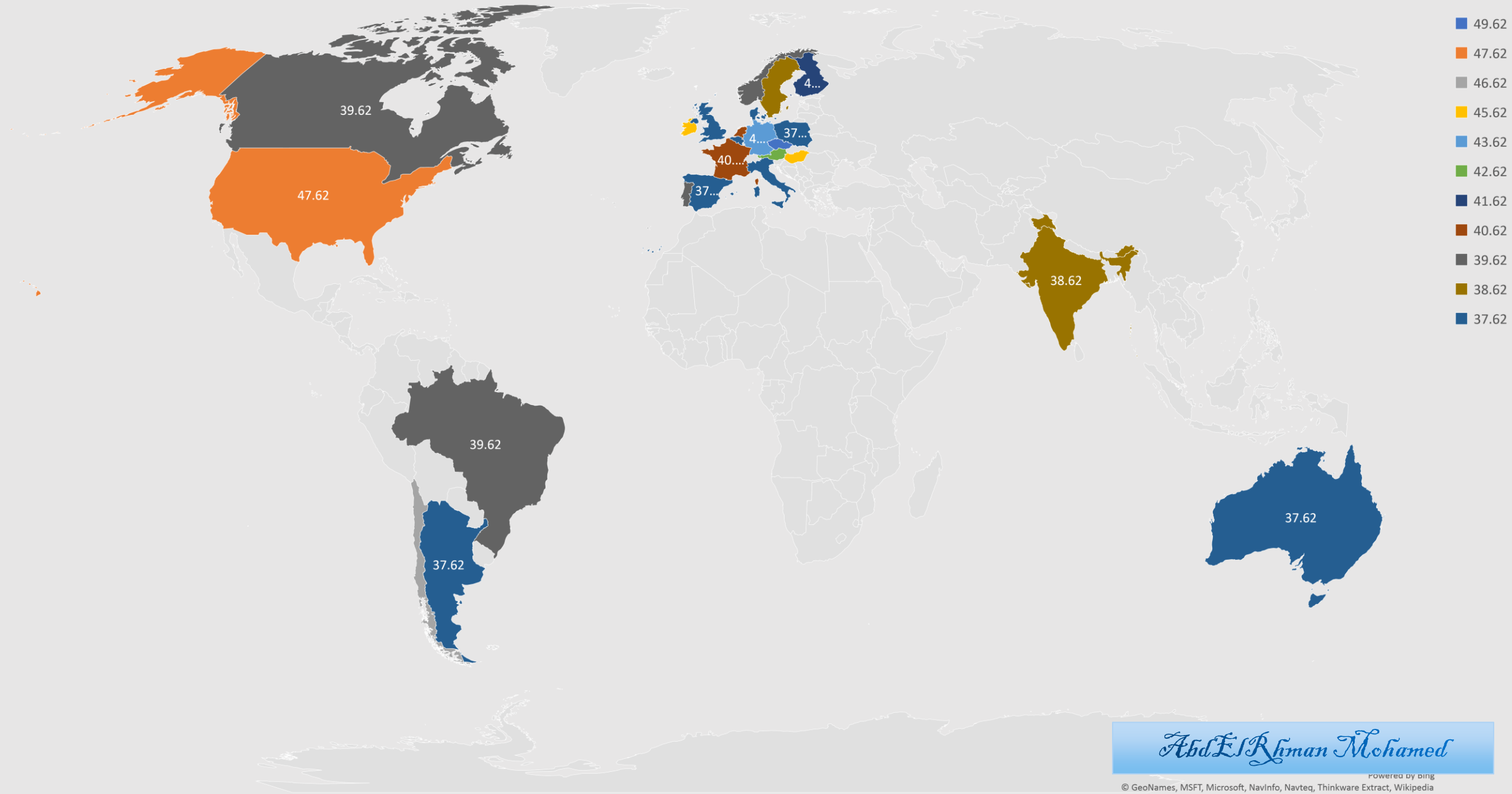
Who's the top customer that has spent the most on music for each country? what's the customer's country? How much he/she spent?



According to the graph the world top customer is "Helena HolÃ½", located in "Czech Republic" and spent 49.62\$.

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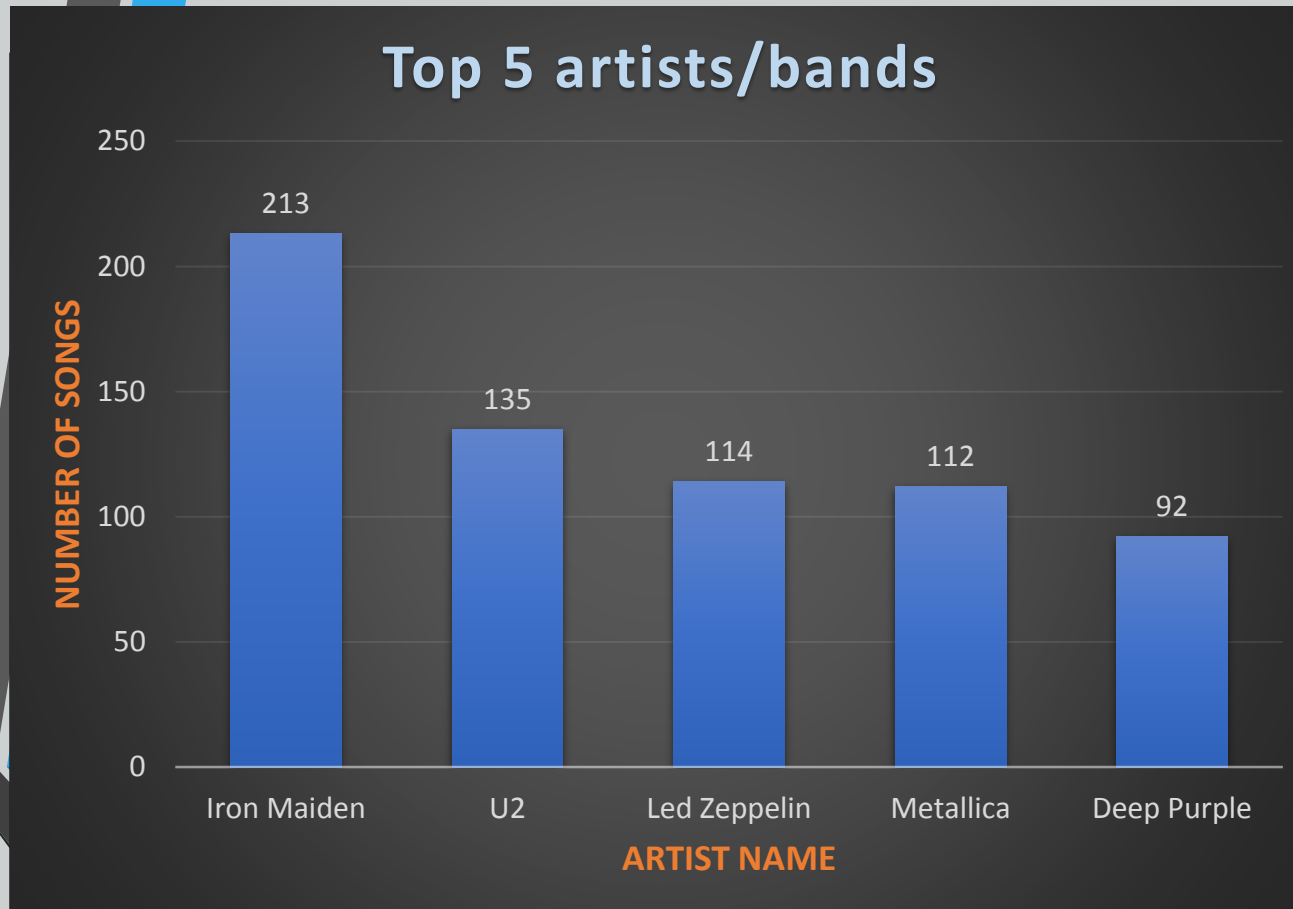
Top customer of each country spent



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Who're the top five artists/bands ? How much songs for each one of them?



The top artist/brands according to there songs purchases are **Iron Maiden** (213 purchases), **U2** with 135 purchases for his songs, **Led Zeppelin** with 114 purchases for there songs, **Metallica** with 112 purchases for there songs and **Deep Purple** with 92 purchases for there songs.

So the top five bands are **Iron Maiden**, **U2**, **Led Zeppelin** , **Metallica** then **Deep Purple**.

