

Fawzy Almatary

— Data · Healthcare —

# Chinook Music Database

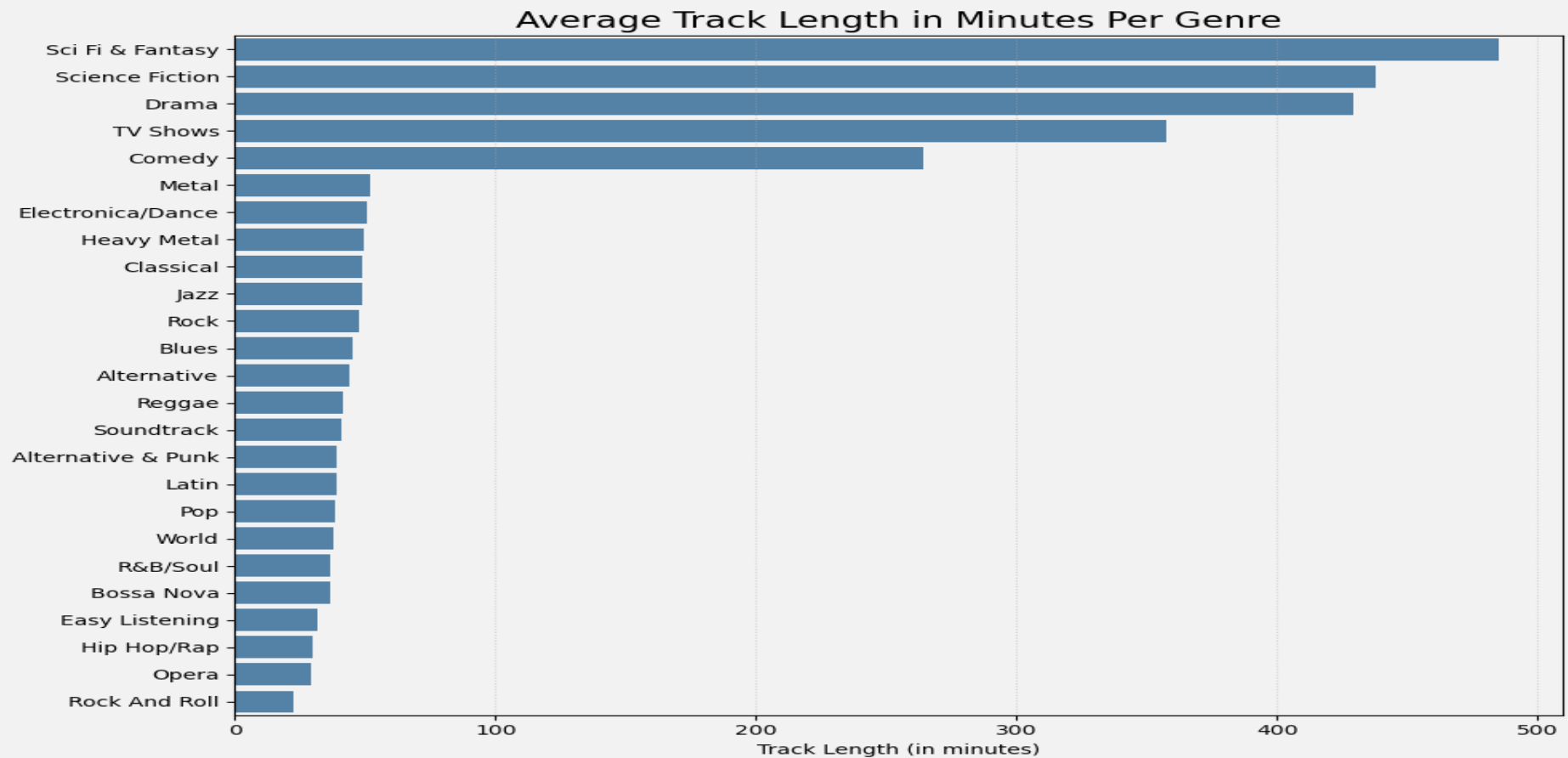
# Background

The Chinook Database holds information about a music store.

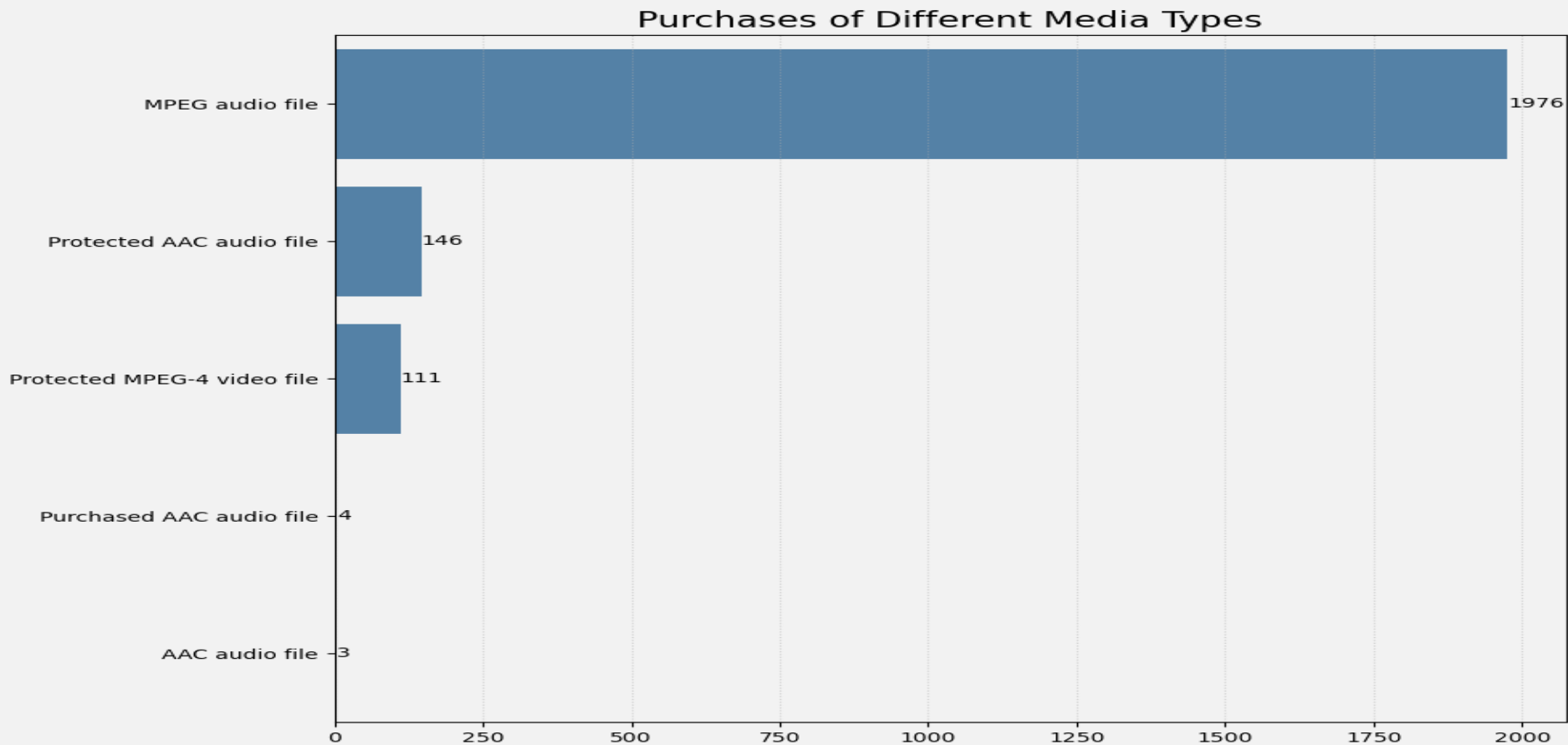
This is the results of an analysis to assist the Chinook team with understanding the media in their store, their customers and employees, and their invoice information.

To view the SQL code used to query the data, and the Python code to generate the figures in this case study, [click here](#).

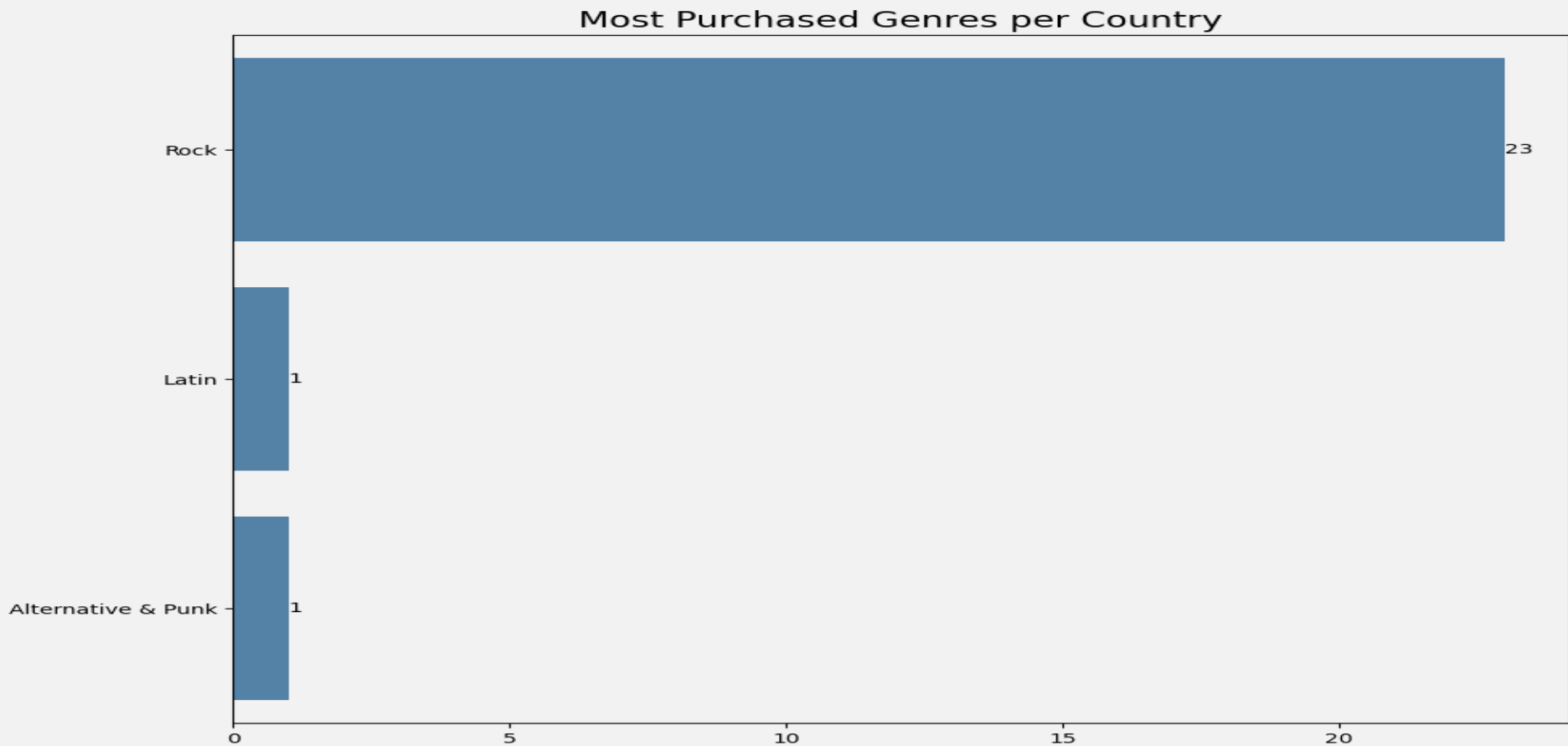
# Q1: What is the average track length in minutes per genre?



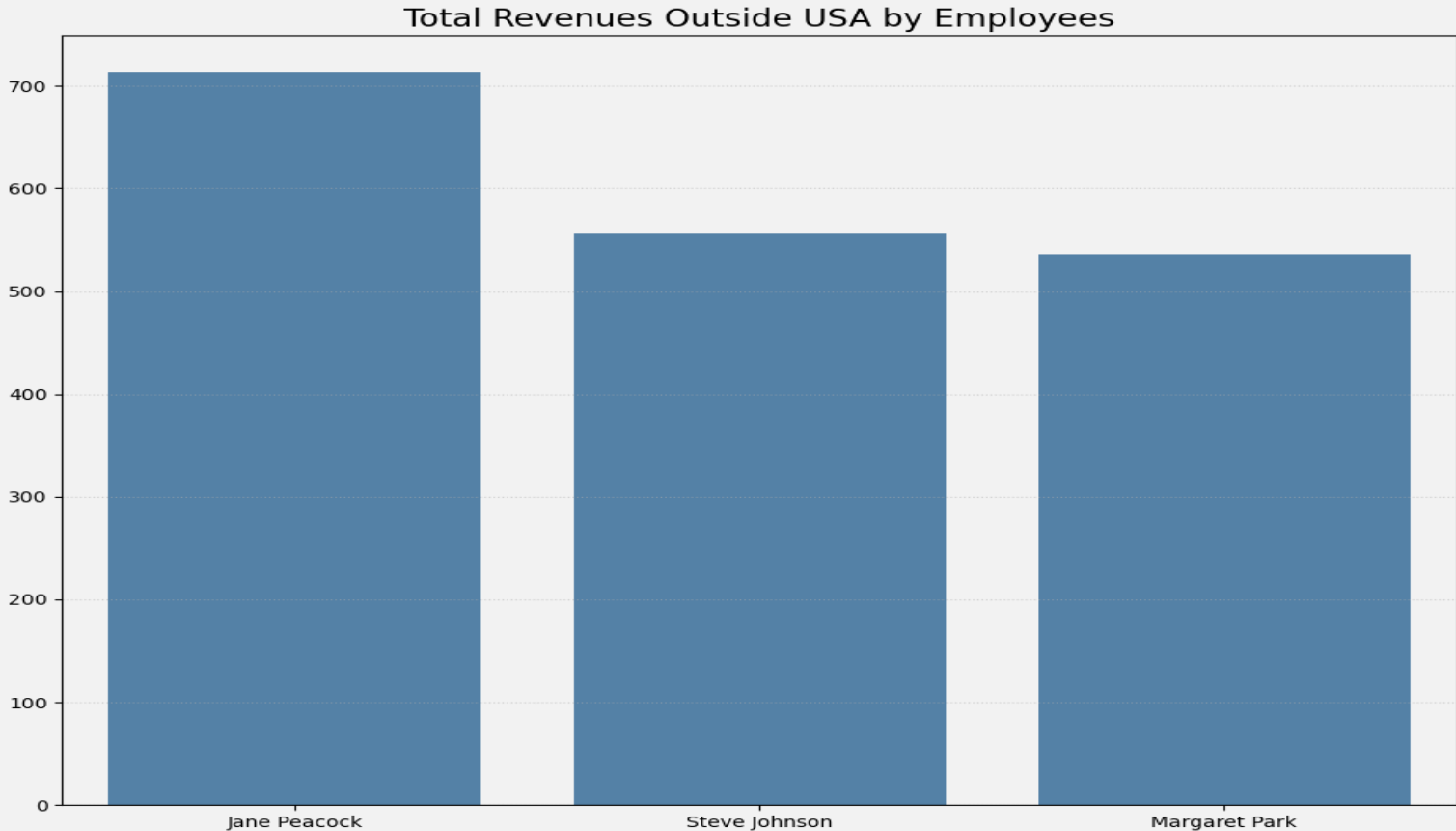
Q2: What is the count of purchased tracks per media type?



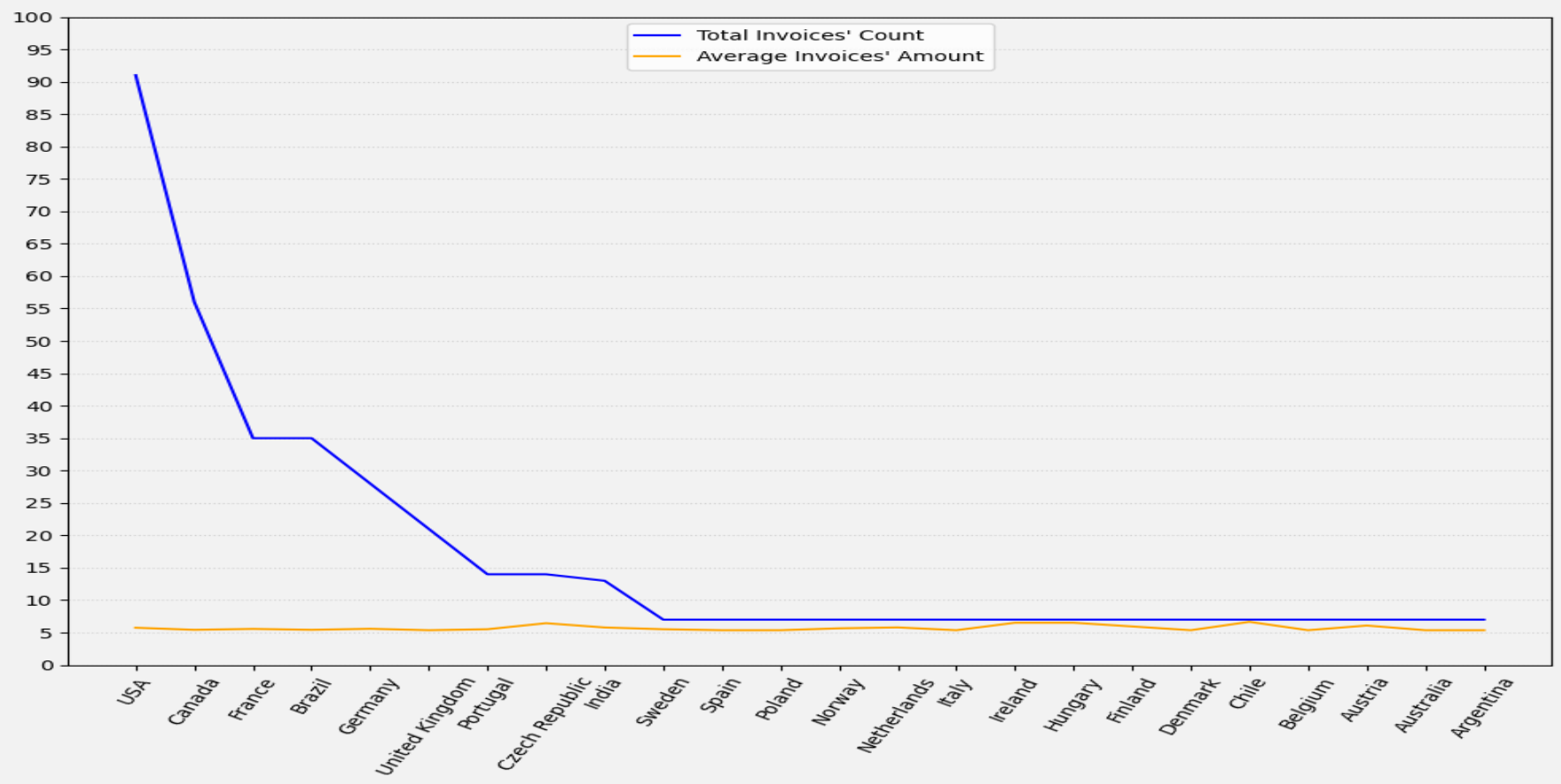
### Q3: What are the top sold genres per country?



Q4: Which employee made the highest revenue from sales outside of USA?



Q5: For each country, what are the total and average invoice amounts?



## Q6: Who are the employees and to whom each of them reports to?

Employee	Employee_Title	ReportsTo	Title
Andrew Adams	<b>General Manager</b>	None	None
Nancy Edwards	Sales Manager	Andrew Adams	<b>General Manager</b>
Jane Peacock	Sales Support Agent	Nancy Edwards	Sales Manager
Margaret Park	Sales Support Agent	Nancy Edwards	Sales Manager
Steve Johnson	Sales Support Agent	Nancy Edwards	Sales Manager
Michael Mitchell	IT Manager	Andrew Adams	<b>General Manager</b>
Robert King	IT Staff	Michael Mitchell	IT Manager
Laura Callahan	IT Staff	Michael Mitchell	IT Manager



## Insights From This Analysis:

- Average track length is usually less than one hour, except in 5 genres, where it is around 4 to 8 hours, these genres are [Sci Fi & Fantasy - Science Fiction – Drama - TV Shows – Comedy].
- Most purchased media type is MPEG audio file, with around 88% of total purchased tracks.
- In the majority of countries, most purchased genre is Rock. Two countries are the exception, Sweden which has Latin genre as the most common genre. And Argentina which has both Rock and Alternative & Punk with equal purchase count.
- Even though number of invoices varies across countries, average invoice amount is almost the same across all of them, ranging from 5 to 7 USD.- Jane Peacock has the highest sales revenues outside USA.
- Andrew Adams is the General Manager, only two employees directly report to him, Nancy Edwards and Michael Mitchell.

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