

Workshop 5

Tableau

Chinook: data model

invoice1 is made of 9 tables. ⓘ

invoice1

customer1

employee1

album1

artist1

track1

genre1

mediatype1

invoice1

59 fields 2240 rows

100 → rows ⚙️

Name

invoice1

Type	Field Name	Physical Table	Remote Field Name
#	Track Id	invoice1	TrackId
#	Unit Price	invoice1	UnitPrice
#	Quantity	invoice1	Quantity

#	invoice1	invoice1	invoice1	invoice1	invoice1	invoice1
	Track Id	Unit Price	Quantity	InvoiceId (Invoice1)	CustomerId (Invoice1)	InvoiceDate (Invoice1)
	209	0.990000	1	112	18	5/12/2010 12:00:00 AM
	208	0.990000	1	112	18	5/12/2010 12:00:00 AM
	2816	0.990000	1	298	17	7/31/2012 12:00:00 AM
	2810	0.990000	1	298	17	7/31/2012 12:00:00 AM
	2804	0.990000	1	298	17	7/31/2012 12:00:00 AM
	2798	0.990000	1	298	17	7/31/2012 12:00:00 AM

Total Sales:

Line Item \$

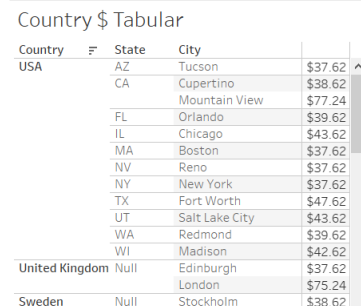
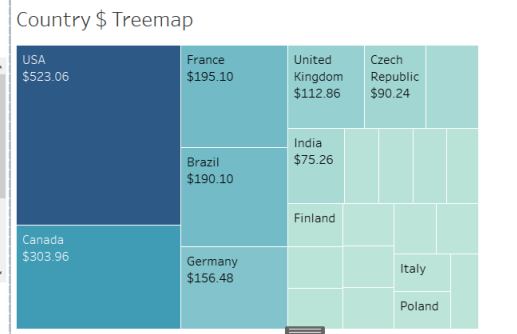
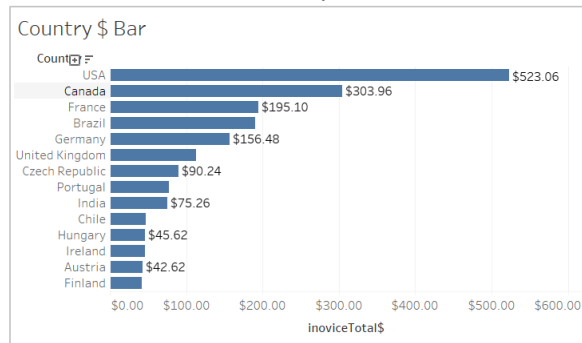
\$2,328.60

InvoiceTotal

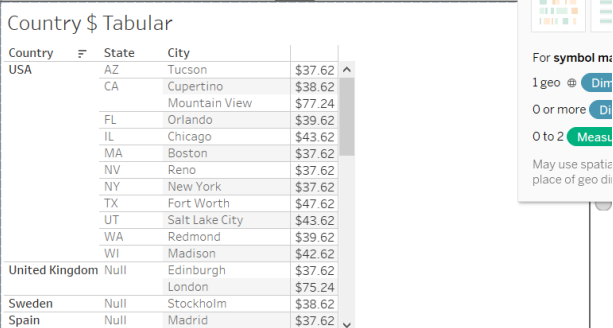
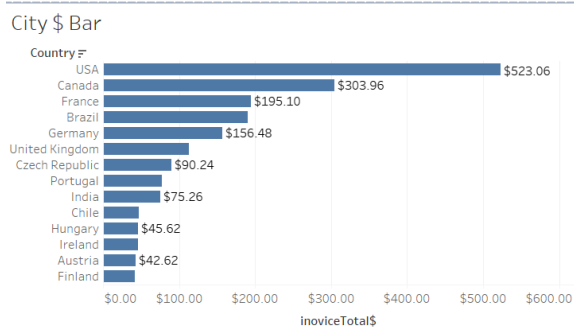
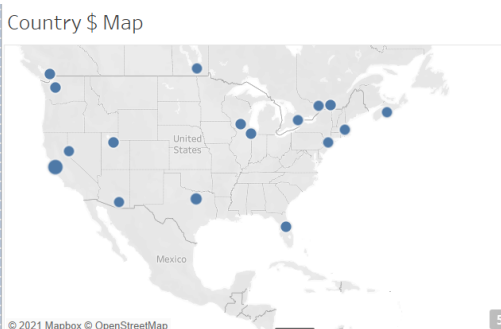
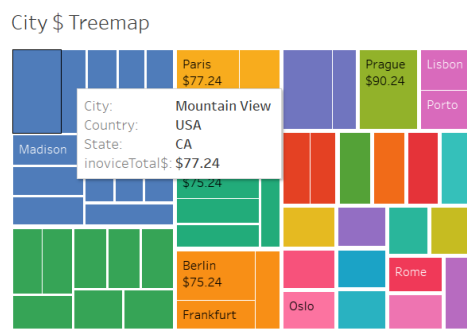
\$

\$2,328.60

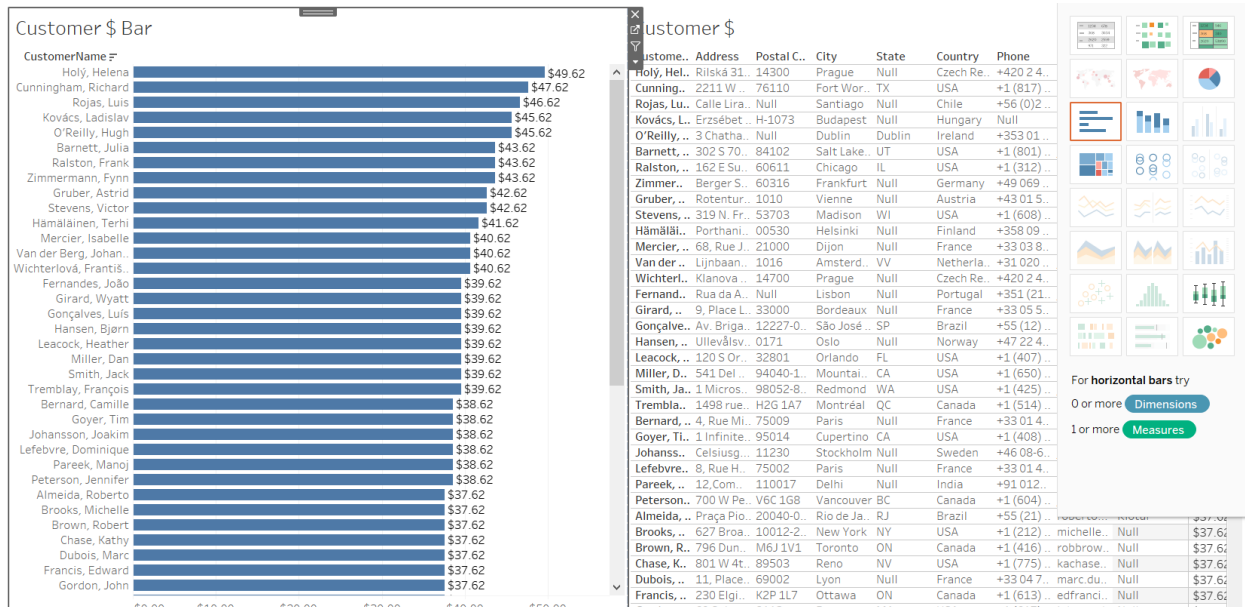
Chinook: Total countries by sale – ranked



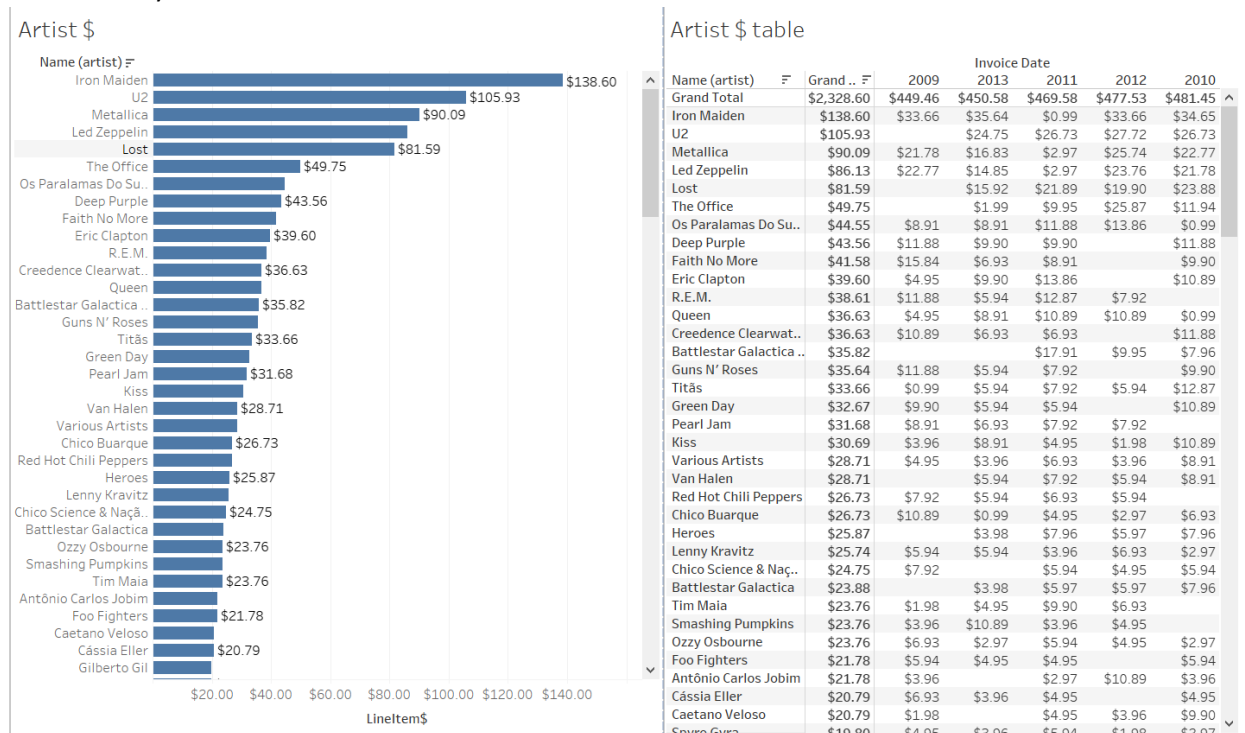
Chinook: Total sales by country, state and city



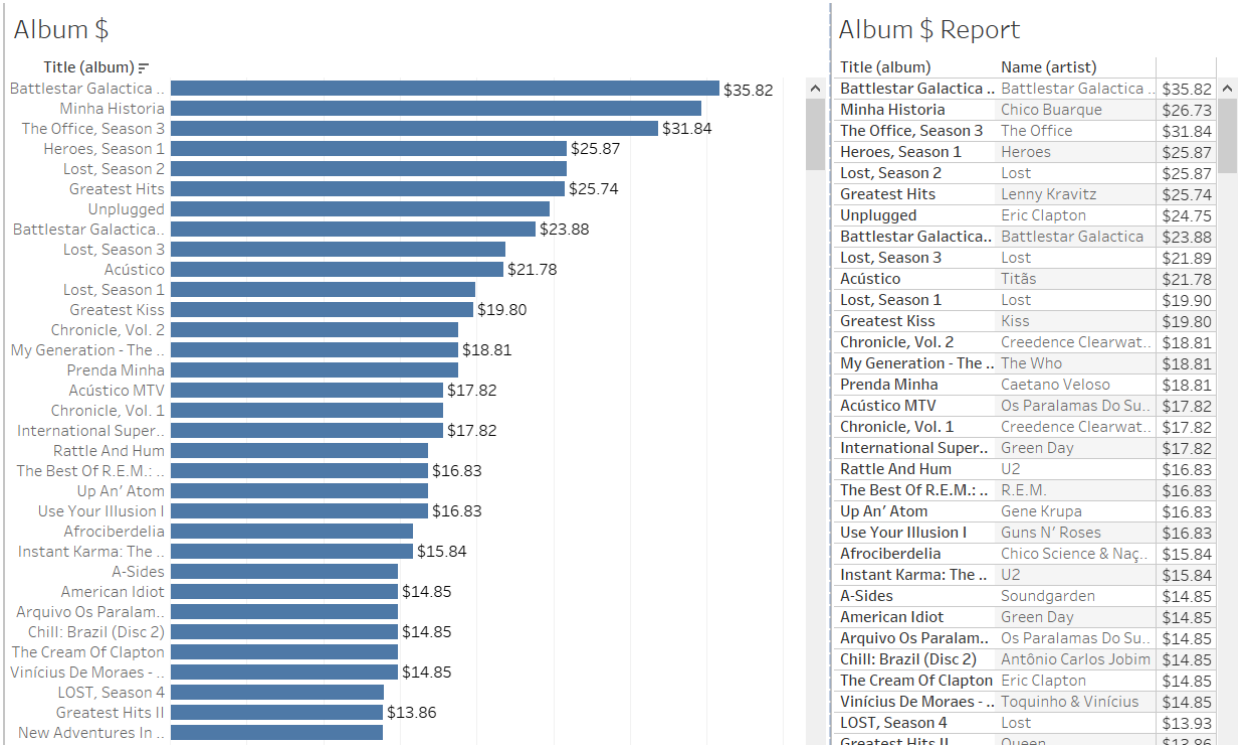
Chinook: Total Sales by customer, ranked



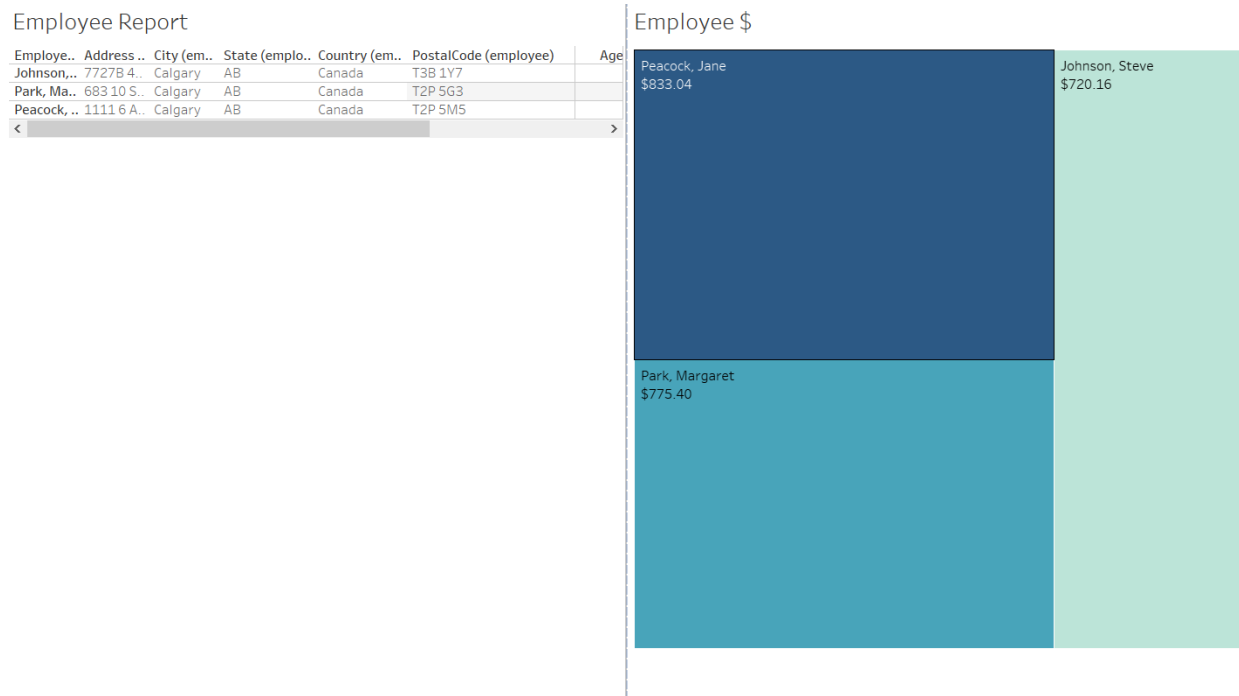
Total Sales by artist – Ranked



Chinook: Total sales by album



Total Sales by sales person(employee)



Total Tracks brought and total revenue by Media type

Media \$

Name (mediatype)	A Z
AAC audio file	\$2.97
MPEG audio file	\$1,956.24
Protected AAC audio file	\$144.54
Protected MPEG-4 video file	\$220.89
Purchased AAC audio file	\$3.96
Grand Total	\$2,328.60

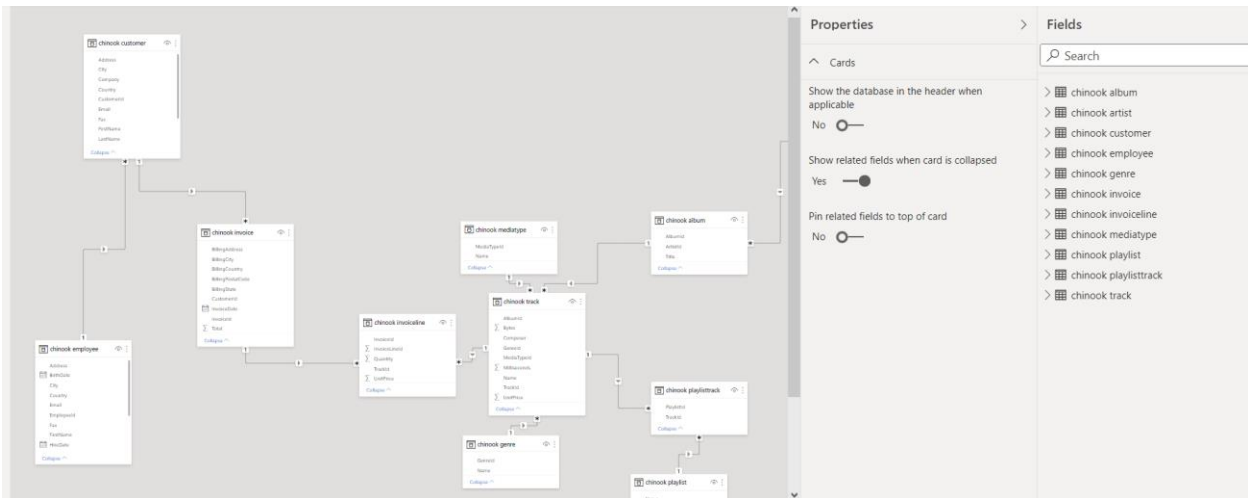
Total revenue by Genre

Genre \$ Revenue

Name (genre)	Invoice Date				
	2009	2010	2011	2012	2013
Alternative		\$5.94	\$3.96	\$3.96	
Alternative & Punk	\$62.37	\$39.60	\$45.54	\$38.61	\$55.44
Blues	\$10.89	\$10.89	\$19.80	\$8.91	\$9.90
Bossa Nova	\$0.99	\$1.98	\$7.92		\$3.96
Classical		\$13.86	\$9.90	\$16.83	
Comedy		\$3.98	\$1.99	\$11.94	
Drama		\$17.91	\$11.94	\$17.91	\$9.95
Easy Listening	\$2.97	\$1.98	\$2.97		\$1.98
Electronica/Dance	\$1.98	\$3.96	\$1.98	\$2.97	\$0.99
Heavy Metal	\$3.96	\$2.97		\$2.97	\$1.98
Hip Hop/Rap	\$1.98	\$2.97	\$3.96	\$3.96	\$3.96
Jazz	\$19.80	\$15.84	\$15.84	\$5.94	\$21.78
Latin	\$82.17	\$77.22	\$80.19	\$63.36	\$79.20
Metal	\$61.38	\$53.46	\$25.74	\$65.34	\$55.44
Pop	\$0.99	\$8.91	\$9.90	\$7.92	
R&B/Soul	\$7.92	\$8.91	\$6.93	\$9.90	\$6.93
Reggae	\$5.94	\$6.93	\$7.92	\$5.94	\$2.97
Rock	\$178.20	\$155.43	\$156.42	\$162.36	\$174.24
Rock And Roll	\$0.99	\$1.98	\$0.99	\$1.98	
Sci Fi & Fantasy		\$9.95	\$17.91	\$11.94	
Science Fiction		\$3.98	\$3.98	\$1.99	\$1.99
Soundtrack	\$3.96	\$3.96	\$4.95	\$3.96	\$2.97
TV Shows		\$25.87	\$27.86	\$25.87	\$13.93
World	\$2.97	\$2.97	\$0.99	\$2.97	\$2.97

Power BI

Chinook data model –



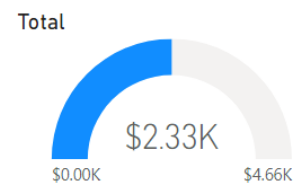
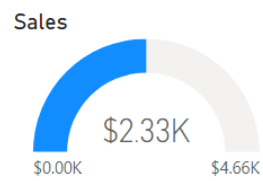
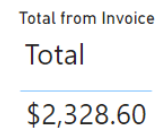
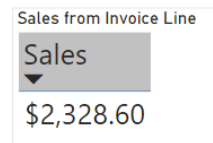
Chinook: Total Sales

Genre Name

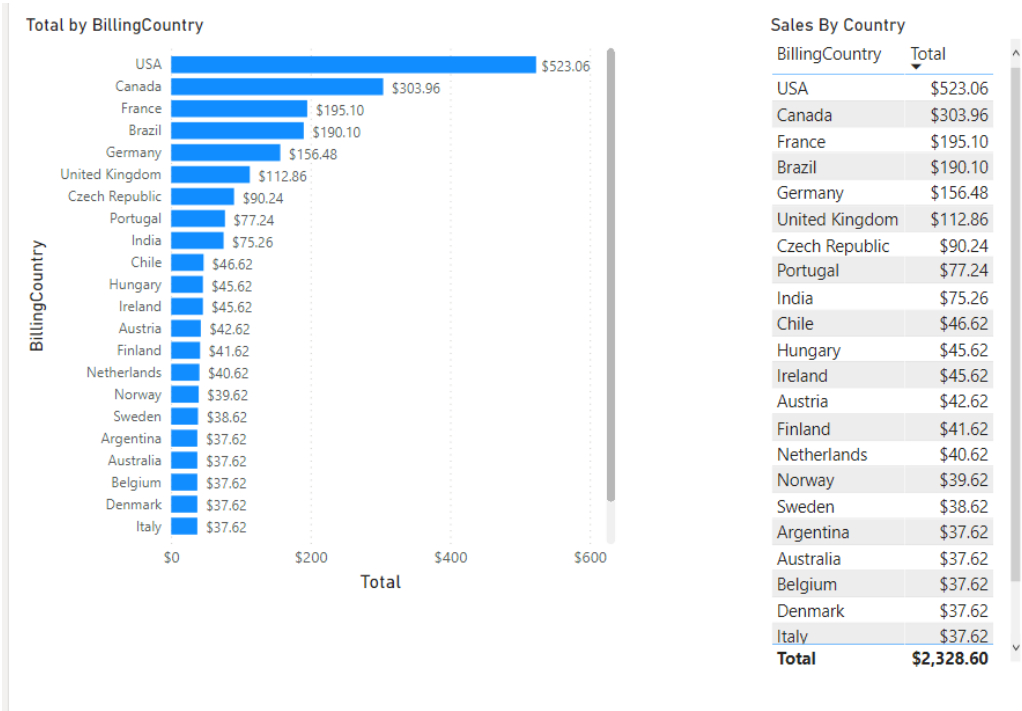
- ☐ Alternative
- ☐ Alternative & Punk
- ☐ Blues
- ☐ Bossa Nova
- ☐ Classical
- ☐ Comedy
- ☐ Drama
- ☐ Easy Listening
- ☐ Electronica/Dance
- ☐ Heavy Metal
- ☐ Hip Hop/Rap
- ☐ Jazz
- ☐ Latin
- ☐ Metal
- ☐ Opera
- ☐ Pop
- ☐ R&B/Soul
- ☐ Reggae
- ☐ Rock
- ☐ Rock And Roll
- ☐ Sci Fi & Fantasy
- ☐ Science Fiction
- ☐ Soundtrack
- ☐ TV Shows
- ☐ World

Country

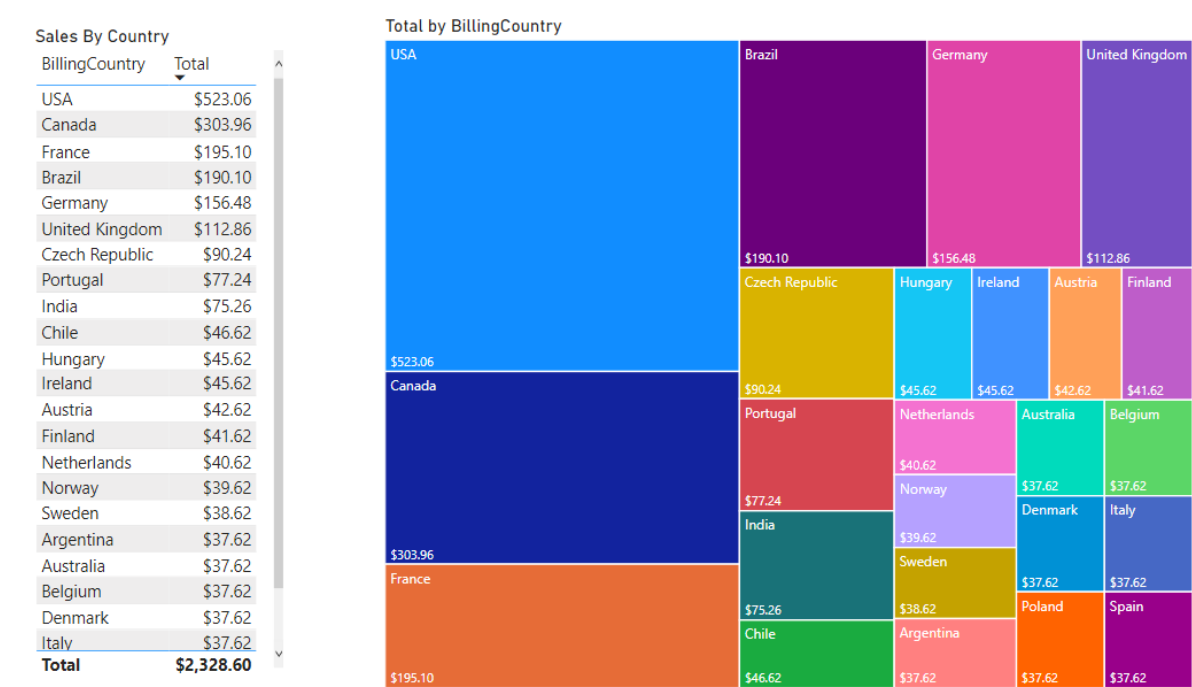
- ☐ Argentina
- ☐ Australia
- ☐ Austria
- ☐ Belgium
- ☐ Brazil
- ☐ Canada
- ☐ Chile
- ☐ Czech Republic
- ☐ Denmark
- ☐ Finland
- ☐ France
- ☐ Germany
- ☐ Hungary
- ☐ India
- ☐ Ireland
- ☐ Italy
- ☐ Netherlands
- ☐ Norway
- ☐ Poland
- ☐ Portugal
- ☐ Spain



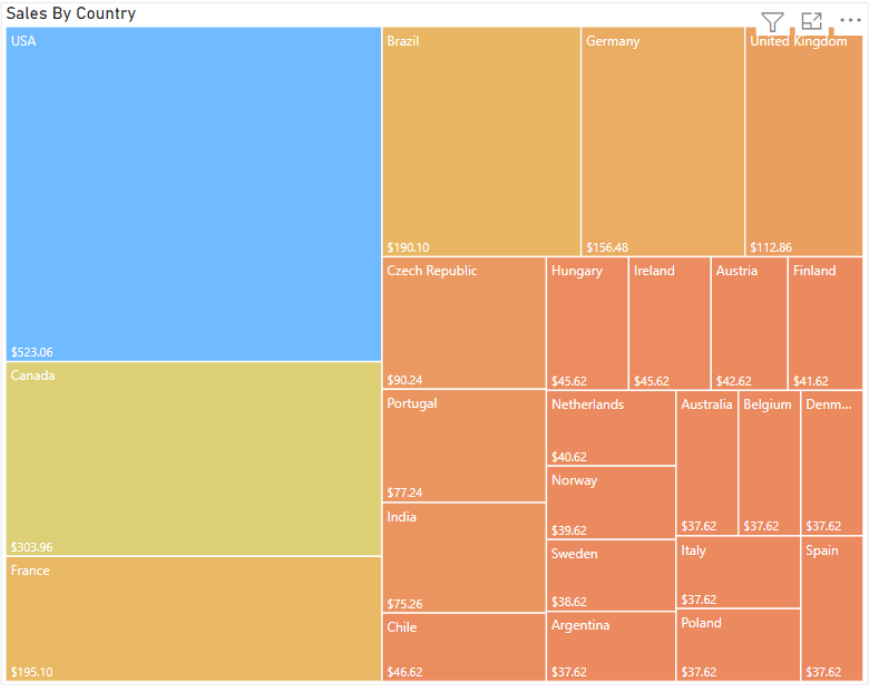
Chinook: Total Sales by country – Ranked



Chinook: Total sales by Country, state, and city

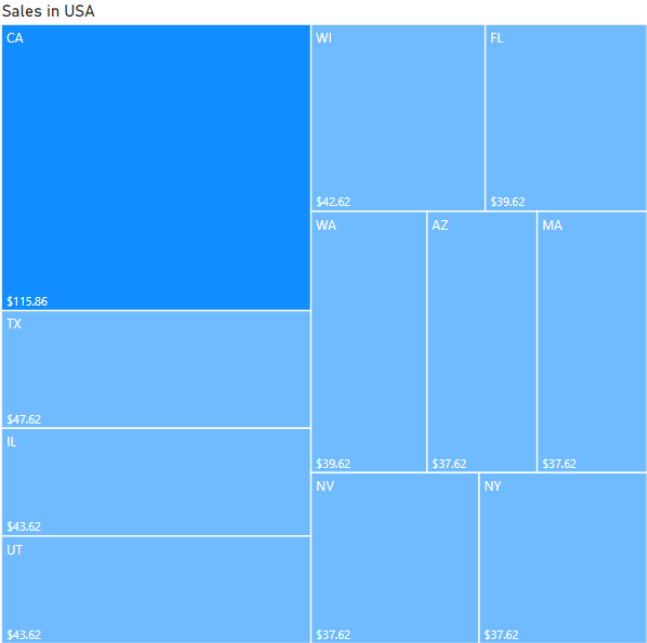


BillingCountry	Total
USA	\$523.06
Canada	\$303.96
France	\$195.10
Brazil	\$190.10
Germany	\$156.48
United Kingdom	\$112.86
Czech Republic	\$90.24
Portugal	\$77.24
India	\$75.26
Chile	\$46.62
Hungary	\$45.62
Ireland	\$45.62
Austria	\$42.62
Finland	\$41.62
Netherlands	\$40.62
Norway	\$39.62
Sweden	\$38.62
Argentina	\$37.62
Australia	\$37.62
Belgium	\$37.62
Denmark	\$37.62
Italy	\$37.62
Total	\$2,328.60



Chinook: Total Sales in USA by State

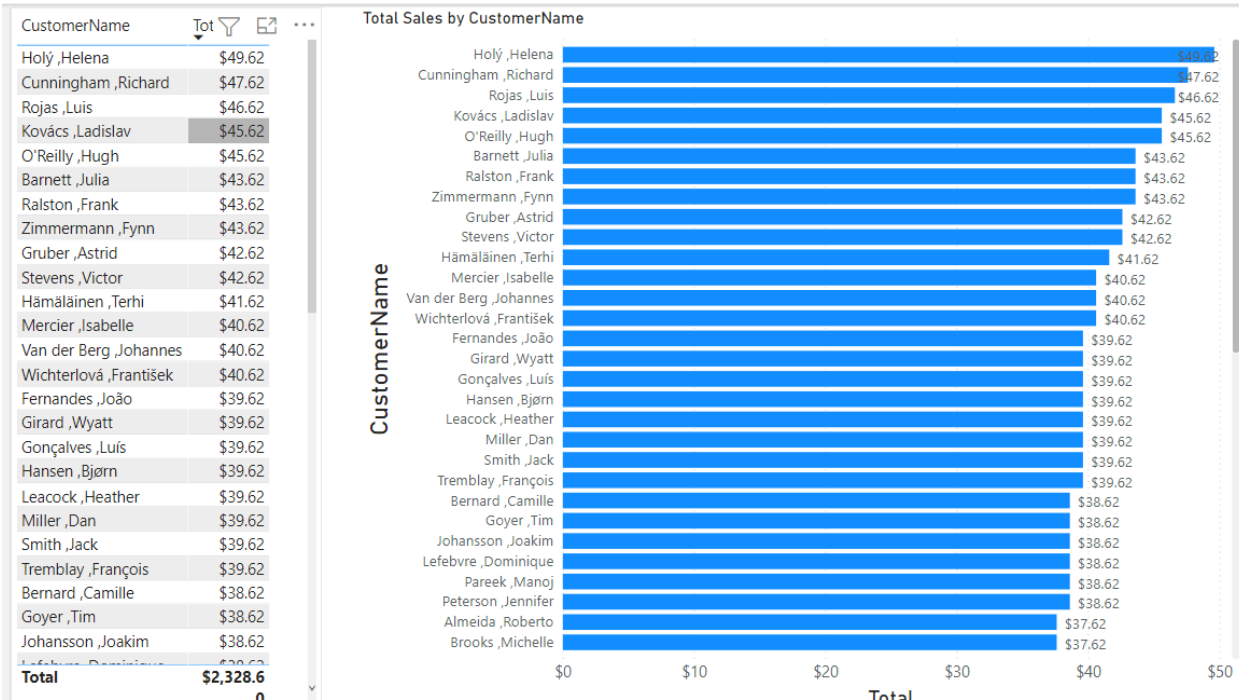
BillingCountry	BillingState	BillingCity	Total
USA	AZ	Tucson	\$37.62
USA	CA	Cupertino	\$38.62
USA	CA	Mountain View	\$77.24
USA	FL	Orlando	\$39.62
USA	IL	Chicago	\$43.62
USA	MA	Boston	\$37.62
USA	NV	Reno	\$37.62
USA	NY	New York	\$37.62
USA	TX	Fort Worth	\$47.62
USA	UT	Salt Lake City	\$43.62
USA	WA	Redmond	\$39.62
USA	WI	Madison	\$42.62
Total			\$523.06



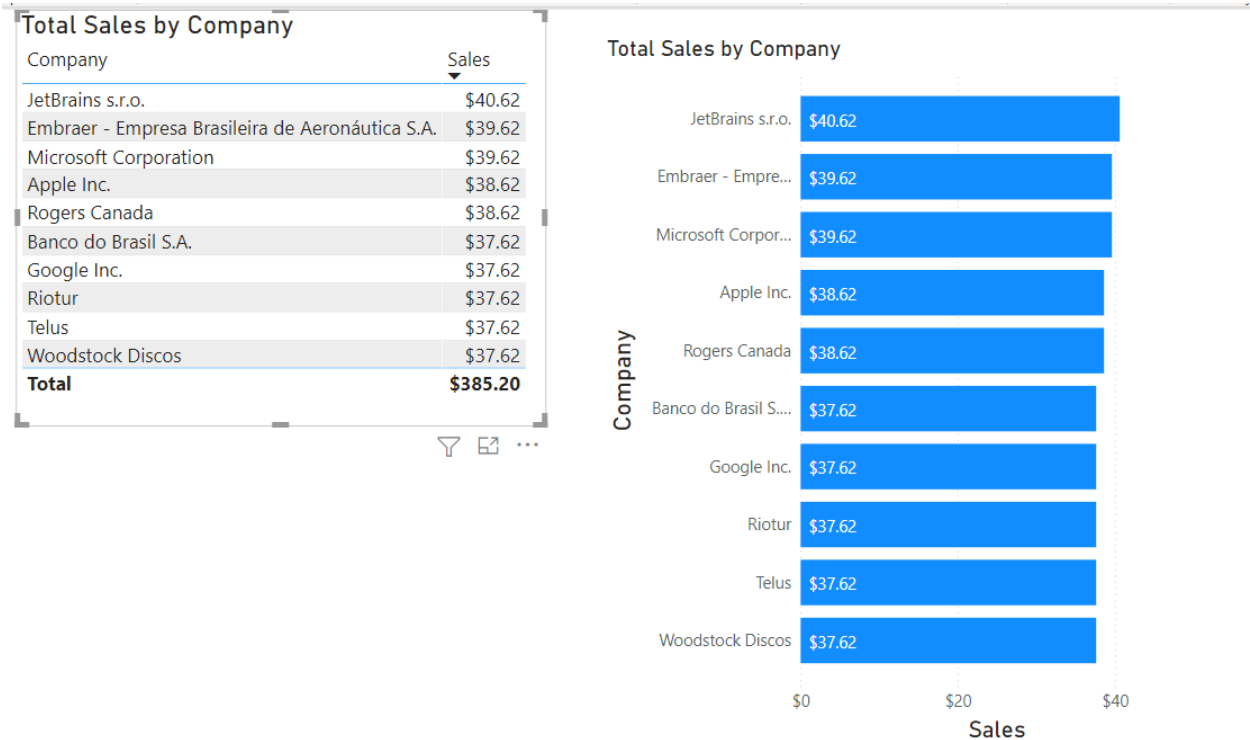
Chinook: Total sales by City, states and country



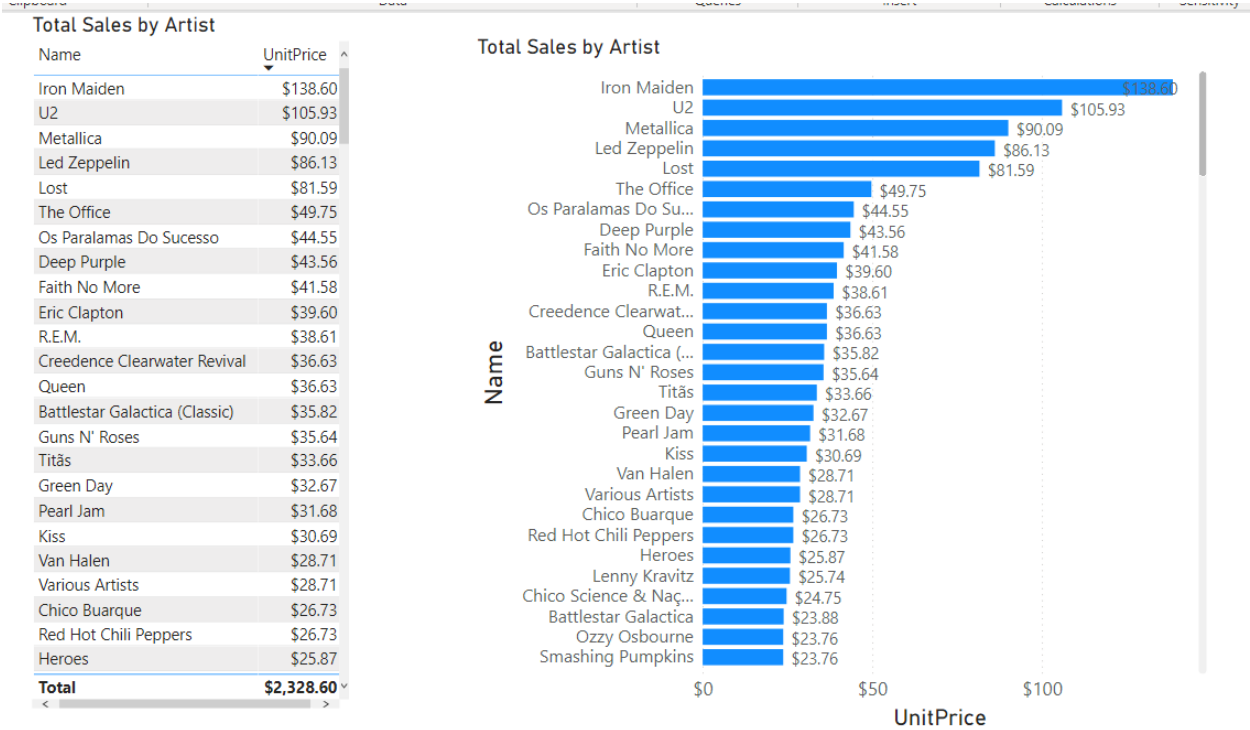
Total Sales by customer – Ranked



Chinook: Total sales by Company



Chinook: Total Sales by artist

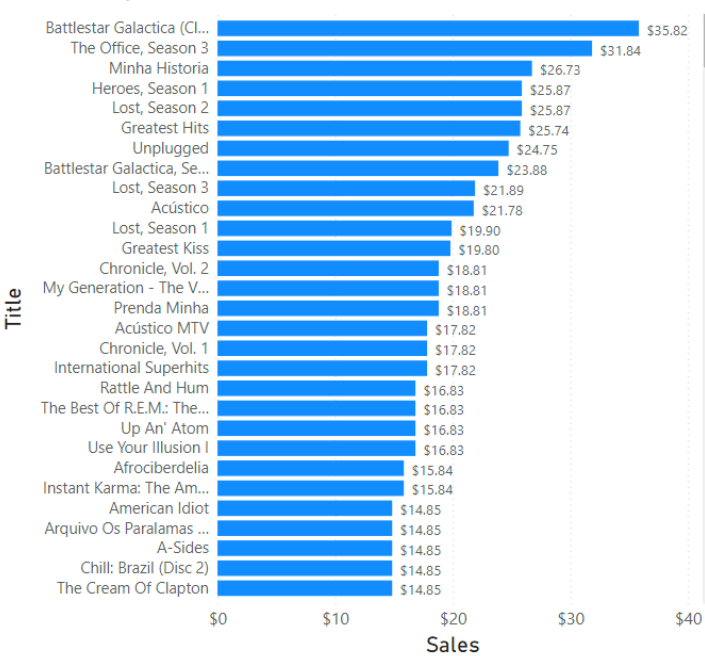


Chinook: Total sales by album

Total Sales by Album

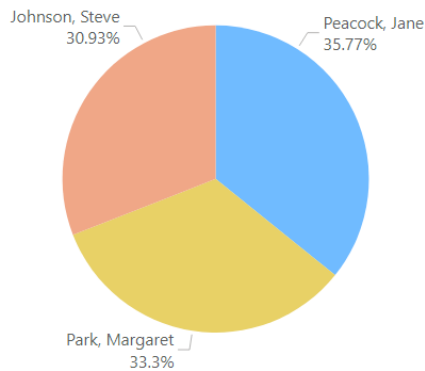
Title	Name	Sales
Zooropa	Rock	\$8.91
Weill: The Seven Deadly Sins	Classical	\$0.99
Warner 25 Anos	Jazz	\$6.93
War	Rock	\$10.89
Walking Into Clarksdale	Rock	\$7.92
Wagner: Favourite Overtures	Classical	\$0.99
Vs.	Rock	\$5.94
Vozes do MPB	Latin	\$10.89
Voodoo Lounge	Rock	\$6.93
Volume Dois	Alternative & Punk	\$11.88
Virtual XI	Rock	\$6.93
Vinicius De Moraes - Sem Limite	Bossa Nova	\$14.85
Vinicius De Moraes	Latin	\$5.94
Vault: Def Leppard's Greatest Hits	Rock	\$6.93
Van Halen III	Rock	\$5.94
Van Halen	Rock	\$5.94
Use Your Illusion II	Metal	\$9.90
Use Your Illusion I	Rock	\$16.83
Up An' Atom	Jazz	\$16.83
Unplugged [Live]	Rock	\$10.89
Unplugged	Blues	\$11.88
Unplugged	Latin	\$12.87
Un-Led-Ed	Rock	\$0.99
UB40 The Best Of - Volume Two [UK]	Reggae	\$7.92
Tribute	Metal	\$9.90
Total		\$2,328.60

Total Sales by Album

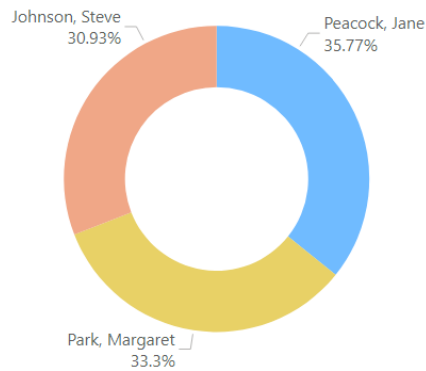


Chinook: Total sales by Employee

Sales by FullName



Sales by FullName



Sales by Employee

FullName	Sales	Quantity	HireDate	Age Group	Title	Country	PostalCode
Peacock, Jane	\$833.04	796	4/1/2002	40 - 49	Sales Support Agent	Canada	T2P 5M5
Park, Margaret	\$775.40	760	5/3/2003	50+	Sales Support Agent	Canada	T2P 5G3
Johnson, Steve	\$720.16	684	10/17/2003	50+	Sales Support Agent	Canada	T3B 1Y7
Total	\$2,328.60	2240					

Total tracks brought by media type

Country

Select all

Argentina

Australia

Austria

Belgium

Brazil

Canada

Chile

Czech Republic

Denmark

Finland

France

Germany

Hungary

India

Ireland

Italy

Netherlands

Norway

Poland

Portugal

Spain

Genre

Select all

Alternative

Alternative & Punk

Blues

Bossa Nova

Classical

Comedy

Drama

Easy Listening

Electronica/Dance

Heavy Metal

Hip Hop/Rap

Jazz

Latin

Metal

Opera

Pop

R&B/Soul

Reggae

Rock

Rock And Roll

Sci Fi & Fantasy

Science Fiction

Soundtrack

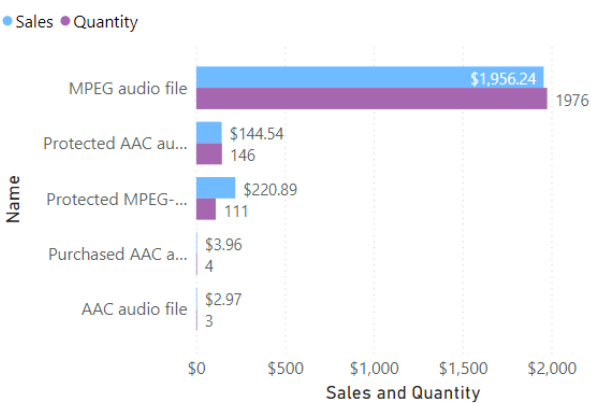
TV Shows

World

Sales by Media Type

Name	Sales	Quantity
MPEG audio file	\$1,956.24	1976
Protected AAC audio file	\$144.54	146
Protected MPEG-4 video file	\$220.89	111
Purchased AAC audio file	\$3.96	4
AAC audio file	\$2.97	3
Total	\$2,328.60	2240

Sales By Media Type



Tracks by Media type

Country

Select all

Argentina

Australia

Austria

Belgium

Brazil

Canada

Chile

Czech Republic

Denmark

Finland

France

Germany

Hungary

India

Ireland

Italy

Netherlands

Norway

Poland

Portugal

Spain

Genre

Select all

Alternative

Alternative & Punk

Blues

Bossa Nova

Classical

Comedy

Drama

Easy Listening

Electronica/Dance

Heavy Metal

Hip Hop/Rap

Jazz

Latin

Metal

Opera

Pop

R&B/Soul

Reggae

Rock

Rock And Roll

Sci Fi & Fantasy

Science Fiction

Soundtrack

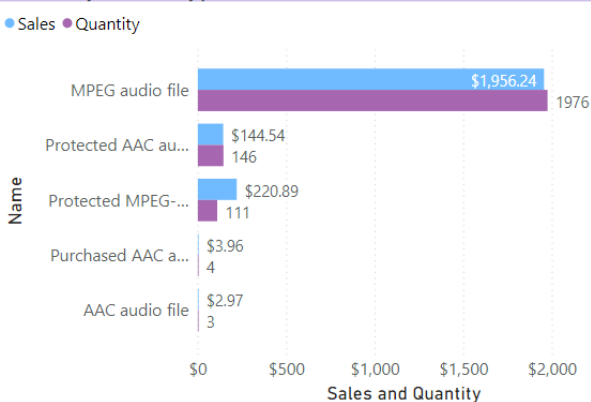
TV Shows

World

Sales by Media Type

Name	Sales	Quantity
MPEG audio file	\$1,956.24	1976
Protected AAC audio file	\$144.54	146
Protected MPEG-4 video file	\$220.89	111
Purchased AAC audio file	\$3.96	4
AAC audio file	\$2.97	3
Total	\$2,328.60	2240

Sales By Media Type



Chinook: Total revenue by genre

