

MySQL Workbench

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Information

Table: payments

Columns:

customerNumber

checkNumber

paymentDate

amount

int PK

varcha

PK

date

decim

mysqlsampledatabse*

SQL File 7*

Limit to 5000 rows

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1000

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

customerNumber

customerName

contactLastName

contactFirstName

phone

addressLine1

city

country

employeeNumber

salesRepLast

124

Mini Gifts Distributors Ltd.

Nelson

Susan

4155551450

5677 Strong St.

San Rafael

USA

1165

Jennings

129

Mini Wheels Co.

Murphy

Julie

6505555787

5557 North Pendale Street

San Francisco

USA

1165

Jennings

161

Technics Stores Inc.

Hashimoto

Juri

6505556809

9408 Furth Circle

Burlingame

USA

1165

Jennings

321

Corporate Gift Ideas Co.

Brown

Julie

6505551386

7734 Strong St.

San Francisco

USA

1165

Jennings

450

The Sharp Gifts Warehouse

Frick

Sue

4085553659

3086 Ingle Ln.

San Jose

USA

1165

Jennings

487

Signal Collectibles Ltd.

Taylor

Sue

4155554312

2793 Furth Circle

Brisbane

USA

1165

Jennings

112

Signal Gift Stores

King

Jean

7025551838

8489 Strong St.

Las Vegas

USA

1166

Thompson

205

Toys4GrownUps.com

Young

Julie

6265557265

78934 Hillside Dr.

Pasadena

USA

1166

Thompson

219

Boards & Toys Co.

Young

Mary

3105552373

4097 Douglas Av.

Glendale

USA

1166

Thompson

239

Collectable Mini Designs Co.

Thompson

Valarie

7605558146

361 Furth Circle

San Diego

USA

1166

Thompson

347

Men R' US Retailers, Ltd.

Chandler

Brian

2155554369

6047 Douglas Av.

Los Angeles

USA

1166

Thompson

475

West Coast Collectables Co.

Thompson

Steve

3105553722

3675 Furth Circle

Burbank

USA

1166

Thompson

173

Cambridge Collectables Co.

Tseng

Jerry

6175555555

4658 Baden Av.

Cambridge

USA

1188

Firrelli

204

Online Mini Collectables

Ravazzi

Mineral

6175557555

7635 Spinnaker Dr

Birkhaven

USA

1188

Firrelli

Result 14

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Table: payments

Columns:

customerNumber

checkNumber

paymentDate

amount

int PK

varchar

PK

date

decim

mysqlsampledatabase*

SQL File 7*

Limit to 5000 rows

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21

join employees e on c.salesRepEmployeeNumber = e.employeeNumber;

Execute the selected portion of the script or everything, if there is no selection

#2. Find the Total Sales Amount for Each Order:

select o.orderNumber,SUM(od.quantityOrdered * od.priceEach) AS totalSalesAmount

from orders o

join orderdetails od on o.orderNumber = od.orderNumber

group by o.orderNumber;

#3. Retrieve Product Lines and the Number of Products in Each Line:

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

orderNumber

totalSalesAmount

10100

10223.83

10101

10549.01

10102

5494.78

10103

50218.95

10104

40206.20

10105

53959.21

10106

52151.81

10107

22292.62

10108

51001.22

10109

25833.14

10110

48425.69

10111

16537.85

10112

7674.94

10113

11044.30

10114

33383.14

Result 15

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Schemas

Information

Table: payments

Columns:

customerNumberint PK

checkNumbervarcha PK

paymentDate date

amountdecim

Object Info

Session

mysqlsampledatabas*

SQL File 7*

Limit to 5000 rows

16 join orderdetails od on o.orderNumber = od.orderNumber

17 g Execute the selected portion of the script or everything, if there is no selection

18

19 #3. Retrieve Product Lines and the Number of Products in Each Line:

20

21 • SELECT

22 pl.productLine,

23 count(p.productCode) AS numberOfProducts

24 FROM productlines pl

25 LEFT JOIN products p ON pl.productLine = p.productLine

26 GROUP BY pl.productLine;

27

Result Grid

Filter Rows:

Export:

Wrap Cell Content: I

productLine

numberOfProducts

Classic Cars38

Motorcycles13

Planes12

Ships9

Trains3

Trucks and Buses11

Vintage Cars24

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Table: payments

Columns:

customerNumberint PK

checkNumbervarcha PK

paymentDate date

amountdecim

mysqlsampledatabase*

SQL File 7*

Limit to 5000 rows

23count(p.productCode) AS numberOfProducts

24FROM productlines pl

25LEFT JOIN products p ON pl.productline = p.productline

26GROUP BY pl.productline;

27

28#4. List Offices and the Total Number of Employees in Each Office:

29

30select o.officeCode,o.city,count(e.employeeNumber) AS numberOfEmployees

31from offices o

32left join employees e on o.officeCode = e.officeCode

33group by o.officeCode, o.city;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

officeCodecitynumberOfEmployees

1San Francisco6

2Boston2

3NYC2

4Paris5

5Tokyo2

6Sydney4

7London2

Result 17

Output

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AdministrationSchemas

Information

Table: payments

Columns: customerNumber int PK, checkNumber varchar PK, paymentDate date, amount decimal

mysqlsampledatabse*

SQL File 7*

Limit to 5000 rows

32 left join employees e on o.officeCode = e.officeCode

33 gr Execute the selected portion of the script or everything, if there is no selection

34

35 #5. Identify Customers with Outstanding Payments:

36

37 select c.customerNumber,c.customerName,p.checkNumber,p.paymentDate,p.amount

38 from customers c

39 join payments p on c.customerNumber = p.customerNumber

40 where p.amount > 0;

41

42

43 #6. Calculate the Total Revenue from Each Product Line:

Result Grid

Filter Rows:

Export:

Wrap Cell Content: 1x

customerNumber	customerName	checkNumber	paymentDate	amount
103	Atelier graphique	HQ336336	2004-10-19	6066.78
103	Atelier graphique	JM555205	2003-06-05	14571.44
103	Atelier graphique	OM314933	2004-12-18	1676.14
112	Signal Gift Stores	BO864823	2004-12-17	14191.12
112	Signal Gift Stores	HQ55022	2003-06-06	32641.98
112	Signal Gift Stores	ND748579	2004-08-20	33347.88
114	Australian Collectors, Co.	GG31455	2003-05-20	45864.03
114	Australian Collectors, Co.	MA765515	2004-12-15	82261.22
114	Australian Collectors, Co.	NP603840	2003-05-31	7565.08
114	Australian Collectors, Co.	NR27552	2004-03-10	44894.74
119	La Rochelle Gifts	DB933704	2004-11-14	19501.82
119	La Rochelle Gifts	LN373447	2004-08-08	47924.19
119	La Rochelle Gifts	NG94694	2005-02-22	49523.67
121	Baane Mini Imports	DB889831	2003-02-16	50218.95
121	Baane Mini Imports	FD317750	2003-10-28	1491.38

Result 18

Output

Action Output

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sys

mysqlsampledatabase*

SQL File 7*

Limit to 5000 rows

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where p.amount > 0;

Execute the selected portion of the script or everything, if there is no selection

#6. Calculate the Total Revenue from Each Product Line:

select pl.productline,

sum(od.quantityOrdered * od.priceEach) as totalRevenue

from productlines pl

left join products p on pl.productline = p.productline

left join orderdetails od on p.productCode = od.productCode

group by pl.productline;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

productline

totalRevenue

Classic Cars

3853922.49

Motorcycles

1121426.12

Planes

954637.54

Ships

663998.34

Trains

188532.92

Trucks and Buses

1024113.57

Vintage Cars

1797559.63

Administration

Schemas

Information

Table: payments

Columns:

customerNumber

int PK

checkNumber

varchar PK

paymentDate

date

amount

decim

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mysqlsampledatabse"

SQL File 7"

Limit to 5000 rows

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Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

AdministrationSchemas

Information

Table: payments

Columns:

customerNumberint PK

checkNumbervarcha PK

paymentDate date

amountdecim

Result Grid

Filter Rows:

Export:

Wrap Cell Content: I

country	sum(p.amount)
Hong Kong	45480.79
Ireland	49898.27
Philippines	87468.30
Belgium	91471.03
Switzerland	108777.92
Sweden	120457.09
Austria	136119.99
Japan	167909.95
Germany	196470.99
Denmark	197356.30
Canada	205911.86
Singapore	261671.60
Norway	270846.30
Finland	295149.35
Italy	375754.55

Result 20

Object Info

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