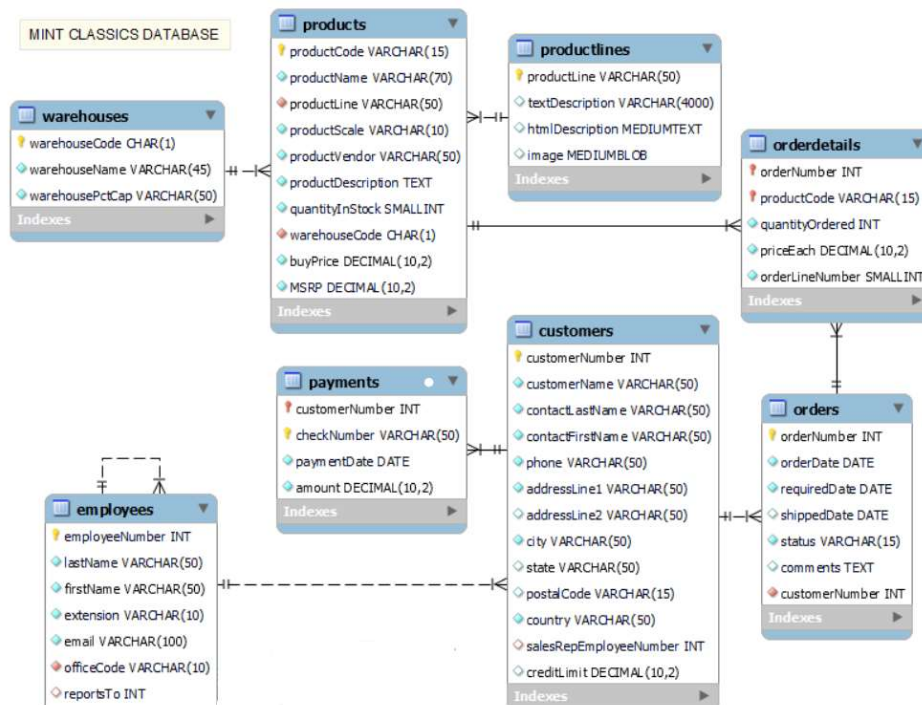


# MintClassic company Dataset

## Schema



## Queries

Q.1)

```

2  -- Q what is the total quantity ordered per product from given quantity of stock
3  • SELECT p.productCode,p.quantityInStock,SUM(od.quantityOrdered) as quantityordered
4  FROM products as p INNER JOIN orderdetails as od ON p.productCode=od.productCode
5  group by p.productCode,p.quantityInStock
6  ORDER BY quantityordered;
7

```

productCode	quantityInStock	quantityordered
S18_4933	3209	767
S24_1046	1005	803
S24_3969	2081	824
S18_2248	540	832
S18_2870	8164	855
S18_4409	6553	866
S24_4048	6582	867
S24_3191	4695	870
S24_2887	1452	873
S18_2795	548	880
S18_3140	3913	883
S24_3420	2902	884
S24_3432	9446	894
S700_1691	5841	894
S700_3962	5088	896
S700_2047	3501	897
S32_4485	3341	898

## Q.2)

```

9  -- Q what is total capacity of a warehouse
10 • SELECT
11     w.warehouseCode,
12     w.warehouseName,
13     w.warehousePctCap,
14     ROUND((SUM(p.quantityInStock)/w.warehousePctCap)*100,0) as Total_capacity,
15     SUM(p.quantityInStock)
16 FROM warehouses as w INNER JOIN products as p ON w.warehouseCode=p.warehouseCode
17 group by w.warehouseCode,w.warehouseName,w.warehousePctCap;
18

```

warehouseCode	warehouseName	warehousePctCap	Total_capacity	SUM(p.quantityInStock)
a	North	72	182900	131688
b	East	67	327139	219183
c	West	50	249760	124880
d	South	75	105840	79380

## Q.3)

```

19
20 -- Q Product sales from lowest to highest
21 • select p.productCode,p.productName,SUM(od.quantityOrdered*od.priceEach)as TotalSales
22 from products as p INNER JOIN orderdetails as od ON p.productCode=od.productCode
23 group by p.productCode
24 order by TotalSales ASC;

```

productCode	productName	TotalSales
S24_1937	1939 Chevrolet Deluxe Coupe	28052.94
S24_3969	1936 Mercedes Benz 500k Roadster	29763.39
S24_2972	1982 Lamborghini Diablo	30972.87
S24_2840	1958 Chevy Corvette Limited Edition	31627.96
S32_2206	1982 Ducati 996 R	33268.76
S24_2022	1938 Cadillac V-16 Presidential Limousine	38449.09
S50_1341	1930 Buick Marquette Phaeton	41599.24
S24_1628	1966 Shelby Cobra 427 S/C	42015.54
S72_1253	Boeing X-32A JSF	42692.53
S18_4668	1939 Cadillac Limousine	44037.84
S18_2248	1911 Ford Town Car	45306.77
S18_1367	1936 Mercedes-Benz 500K Special Road...	46078.29
S32_2509	1954 Greyhound Sedan Cruiser	46519.05

#### Q.4)

```

34 -- Q number of orders cancelled by each country
35 • select c.country ,COUNT(o.status) as count_of_Cancelled_order
36 FROM customers as c INNER JOIN orders as o ON c.customerNumber=o.customerNumber
37 GROUP BY c.country

```



country	count_of_Cancelled_order
USA	112
Germany	7
Norway	9
Spain	36
Denmark	7
Italy	10
Philippines	3
UK	13
Sweden	7
France	37
Belgium	7
Singapore	9
Austria	7

#### Q.5)

```

27 -- Q which country has highest number of orders
28 • SELECT c.country,COUNT(o.orderNumber)
29 FROM customers as c LEFT JOIN orders as o ON c.customerNumber = o.customerNumber
30 group by c.country
31 ORDER BY COUNT(o.orderNumber) DESC;

```

Result Grid		
Filter Rows: <input type="text"/>		
Export:  Wrap Cell Content: 		
	country	COUNT(o.orderNumber)
▶	USA	112
	France	37
	Spain	36
	Australia	19
	New Zealand	15
	UK	13
	Italy	10
	Norway	9
	Singapore	9
	Finland	9
	Germany	7
	Sweden	7
	Denmark	7
	Canada	7
	Belgium	7
	Austria	7
	Japan	6
	Philippines	3
	Ireland	2
	Hong Kong	2
	Switzerland	2
	Poland	0
	Portugal	0

Q.6)

```

41 -- Q quantity of stock present and ordered in each productline
42 • WITH CTE1 AS(select p.productline as productline, SUM(p.quantityInStock)
43 FROM products as p
44 GROUP BY p.productline
45 ORDER BY p.productline
46 ),
47 CTE2 AS(select p.productline as productline, SUM(od.quantityOrdered) as orderedQuantity
48 FROM products as p LEFT JOIN orderdetails as od ON p.productCode = od.productCode
49 GROUP BY p.productline
50 ORDER BY p.productline
51 )
52 SELECT CTE1.*, CTE2.orderedQuantity
53 FROM CTE1,CTE2 WHERE CTE1.productline=CTE2.productline
54 ORDER BY CTE2.orderedQuantity;

```

Result Grid			
Filter Rows: <input type="text"/>			
Export:			
Wrap Cell Content:			
	productline	SUM(p.quantityInStock)	orderedQuantity
▶	Trains	16696	2818
	Ships	26833	8532
	Trucks and Buses	35851	11001
	Planes	62287	11872
	Motorcycles	69401	12778
	Vintage Cars	124880	22933
	Classic Cars	219183	35582

Q.7)

```

57 -- Q Quantity of stock per productline in each warehouse
58 • SELECT
59     w.warehouseCode,
60     w.warehouseName,
61     p.productLine,
62     SUM(p.quantityInStock)
63 FROM warehouses as w INNER JOIN products as p ON w.warehouseCode=p.warehouseCode
64 group by w.warehouseCode,w.warehouseName,p.productline;
65

```

Result Grid				
Filter Rows: <input type="text"/>				
Export:				
Wrap Cell Content:				
	warehouseCode	warehouseName	productLine	SUM(p.quantityInStock)
▶	a	North	Motorcycles	69401
	a	North	Planes	62287
	b	East	Classic Cars	219183
	c	West	Vintage Cars	124880
	d	South	Trucks and Buses	35851
	d	South	Ships	26833
	d	South	Trains	16696

Q.8)

```

67 -- Q which warehouse has the highest quantity been ordered.
68 • WITH WCTE1 AS(
69     SELECT
70         w.warehouseCode as wcode,
71         w.warehouseName,
72         SUM(p.quantityInStock)
73     FROM warehouses as w INNER JOIN products as p ON w.warehouseCode=p.warehouseCode
74     group by w.warehouseCode,w.warehouseName
75 ),
76 WCTE2 AS(select p.warehouseCode as wcode,SUM(od.quantityOrdered) as orderedquantity
77     FROM products as p INNER JOIN orderdetails as od ON p.productCode =od.productCode
78     GROUP BY p.warehouseCode
79 )
80 SELECT WCTE1.*,WCTE2.orderedquantity
81 FROM WCTE1,WCTE2 WHERE WCTE1.wcode=WCTE2.wcode
82 ORDER BY orderedquantity;
83

```

Result Grid				
	wcode	warehouseName	SUM(p.quantityInStock)	orderedquantity
▶	d	South	79380	22351
	c	West	124880	22933
	a	North	131688	24650
	b	East	219183	35582

## Q.9)

```

84 -- Q sales from each country
85 • select c.country,SUM(p.amount)
86 FROM customers as c INNER JOIN payments as p ON c.customerNumber = p.customerNumber
87 group by c.country
88 ORDER BY SUM(p.amount) DESC;

```

Result Grid		
	country	SUM(p.amount)
▶	USA	3040029.52
	Spain	994438.53
	France	965750.58
	Australia	509385.82
	New Zealand	392486.59
	UK	391503.90
	Italy	325254.55
	Finland	295149.35
	Norway	270846.30
	Singapore	261671.60
	Canada	205911.86
	Denmark	197356.30
	Germany	196470.99
	Japan	167909.95
	Austria	136119.99
	Sweden	120457.09

