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|  | -- 1) How many orders were received for products with a category\_id = 2  SELECT \* FROM `orders` WHERE category\_id = 2 ; |
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|  | -- 2) How many orders were received with a category\_id of either 2, 4, or 5 |
|  | SELECT \* FROM `orders` WHERE `category\_id` IN (2,4,5); |
|  | -- 3) How many order are there with a price over £35.00 |
|  | SELECT \* FROM `orders` WHERE price > 35 ; |
|  | -- 4) How many orders are there where the customer has a date of birth before 1st January 1980 and want to receive the newsletter |
|  | SELECT \* FROM `orders` WHERE `date\_of\_birth` < '1980-01-01'; |
|  | -- 5) How many customers named Davenport placed orders? |
|  | SELECT \* FROM `orders` WHERE customer\_surname = "Davenport" ; |
|  | -- 6) Which customer with a firstname starting with 'Br', had the most orders  SELECT \* FROM `orders` WHERE `customer\_firstname` like "Br%" ; |
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|  | -- 7) List all orders with products from category 3 by order of price, highest first. |
|  | SELECT \* FROM `orders` WHERE `category\_id` = 3 ORDER BY `price` DESC; |
|  | -- 8) Select the following fields from all orders (trans\_date, price, promo\_code) renaming the colum (field) headings ('Transaction Date', 'Price' & 'Promotion Code') |
|  | SELECT `trans\_date` as 'Transaction Date', `price` as 'Price', `promo\_code` as 'Promotion Code' FROM `orders`; |
|  | -- 9) Select the following fields (customer\_surname, customer\_firstname, county) from all orders, with customer names in a single field named 'Customer Name' and in the format <Surname>, <Firstname>, with surname capitalised. The county field is to be renamed 'County'. |
|  | SELECT UPPER(`customer\_surname`), LOWER(`customer\_firstname`), CONCAT(`customer\_firstname`, ' ', `customer\_surname`) as 'name', `county` as 'County' FROM `orders`; |
|  | -- 10) Select the average price, minimum price & maximum price for each category. |
|  | SELECT `category\_id`, AVG(`price`), MIN(`price`), MAX(`price`) FROM `orders` GROUP BY `category\_id`; |
|  | -- 11) Select the category\_name (labelled 'Category', number of sales (labelled 'Total Orders') & total sales (labelled 'Total Sales') for each category. |
|  | select category\_name, count(orders.id) as 'Total order', sum(price) as 'Total sales' from orders join categories on (orders.category\_id = categories.id) group by category\_name; |
|  | -- 12) List all orders with the following fields (with the labls given) orders.trans\_date('Transaction Date'), categories.category\_name('Category'), orders.customer\_surname('Surname'), orders.customer\_firstname('Firstname'), orders.price('Order Price'), categories.category\_name('Category'), promotions.discount('Discounted by')  select `trans\_date`as'Transaction Date',`category\_name`as'Category',`customer\_surname`as'Surname',`customer\_firstname`as'Firstname',`price`as'Order Price',`discount`as'Discounted by' from( `orders`left join`categories`on(`orders`.`category\_id` = `categories`.`id`))left join`promotions`on`orders`.`promo\_code`=`promotions`.`code`; |