

## TECH HAVEN ELECTRONICS SQL ANALYSIS

--**Question 1:** Get the customer details and for each sale--

--We will use inner join to connect the sales and customers tables--

Select customer\_id, salesid, firstname, lastname, email\_address

From sales

Inner join customers

On customers."customer\_id" = sales."customerid";

--**Question 2:** Find the Product that has never been purchased--

--product\_id 500 has never been purchased using where productid is null--

--Or, product\_id 500 has never been purchased using where salesid is null--

Select \* from sales

Full outer join products

On products."product\_id" = sales."productid"

Where productid is null;

--**Question 2:** Find the Product that has never been purchased--

--product\_id 500 has never been purchased using where productid is null--

--Or, product\_id 500 has never been purchased using where salesid is null--

Select \* from sales

Full outer join products

On products."product\_id" = sales."productid"

Where salesid is null;

--**Question 3:** Fetch the product and sales information, including the selling price--  
--And quantity sold for each transaction.--

Select \* from sales  
Inner join products  
On products."product\_id" = sales."productid";

--**Question 4:** Retrieve the product and customer details for each sale made,--  
--including the transaction ID. Use full outer join and inner join--

Select \* from sales  
Full outer join customers  
On customers."customer\_id" = sales."customerid"  
Inner join products  
On products."product\_id" = sales."productid";

--**Question 4:** Retrieve the product and customer details for each sale made,--  
--including the transaction ID. Use full outer join and inner join----

Select salesid, firstname, lastname, email\_address,  
product\_name, brand, price, discount  
From sales  
Full outer join customers  
On customers."customer\_id" = sales."customerid"  
Inner join products  
On products."product\_id" = sales."productid";