-- JOINS

**-- Slide 18 - Example syntax**

SELECT

ss.salesorderdetailid,

ss.salesorderid,

ss.orderqty,

pp.name

FROM sales.salesorderdetail AS ss

INNER JOIN production.product AS pp

ON ss.productid = pp.productid;

**-- Slides 22-23 Sales to Product**

SELECT

b.productid,

b.name,

a.unitprice

FROM sales.salesorderdetail AS a

INNER JOIN production.product AS b

USING (productid);

**-- Slides 24-25 Sales to Territory**

SELECT DISTINCT ss.salesorderid,

st.group,

st.name

FROM sales.salesorderheader AS ss

INNER JOIN sales.salesterritory AS st

USING (territoryid)

WHERE st.group ILIKE 'europe';

**-- Slides 30-31 Practice 1**

SELECT soh.salesorderid,

soh.totaldue,

sod.productid,

cust.customerid,

offer.description,

st.name

FROM sales.salesorderheader AS soh

INNER JOIN sales.salesorderdetail AS sod

USING(salesorderid)

INNER JOIN sales.customer AS cust

USING(customerid)

INNER JOIN sales.specialoffer AS offer

USING(specialofferid)

INNER JOIN sales.salesterritory AS st

ON soh.territoryid = st.territoryid

LIMIT 1000;

**-- Slides 31-33 Practice 2**

SELECT st.name,

SUM(sod.orderqty) AS ttl\_orderqty,

ROUND(AVG(soh.totaldue),2) AS avg\_sales

FROM sales.salesorderheader AS soh

INNER JOIN sales.salesorderdetail AS sod

USING(salesorderid)

INNER JOIN sales.salesterritory AS st

USING(territoryid)

GROUP BY st.name;