

Drop Database AD_Bikestores;

-- Creating a new database with name Bikestores

Create or Replace Database AD_Bikestores;

Use AD_Bikestores;

Drop Schema sales;

Drop Schema production;

-- Creating Schema Sales and Production.

Create or Replace Schema sales;

Create or Replace Schema production;

-- Creating Table Brand.

Create or Replace Table production.brands

```
(  
    brand_id INT PRIMARY KEY,  
    brand_name VARCHAR (100)  
);
```

Delete From production.brands;

Select count(*) From production.brands;-- 9 rows

Select * From production.brands;

-- Creating Table Categories.

Create or Replace Table production.categories

```
(  
    category_id INT PRIMARY KEY,
```

```
category_name VARCHAR (100)
);
```

```
Select count(*) from production.categories;-- 7 rows
```

```
Select * From production.categories;
```

```
-- Creating Table products.
```

```
Create or Replace Table production.products
```

```
(
    product_id INT PRIMARY KEY,
    product_name VARCHAR (200),
    brand_id INT,
    category_id INT,
    model_year INT ,
    list_price DECIMAL (10,2)
);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(1,'Trek 820 - 2016',9,6,2016,379.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(2,'Ritchey Timberwolf Frameset - 2016',5,6,2016,749.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(3,'Surly Wednesday Frameset - 2016',8,6,2016,999.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(4,'Trek Fuel EX 8 29 - 2016',9,6,2016,2899.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(5,'Heller Shagamaw Frame - 2016',3,6,2016,1320.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(6,'Surly Ice Cream Truck Frameset - 2016',8,6,2016,469.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(7,'Trek Slash 8 27.5 - 2016',9,6,2016,3999.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(8,'Trek Remedy 29 Carbon Frameset - 2016',9,6,2016,1799.99);
```

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(9,'Trek Conduit+ - 2016',9,5,2016,2999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(10,'Surly Straggler - 2016',8,4,2016,1549);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(11,'Surly Straggler 650b - 2016',8,4,2016,1680.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(12,'Electra Townie Original 21D - 2016',1,3,2016,549.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(13,'Electra Cruiser 1 (24-Inch) - 2016',1,3,2016,269.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(14,'Electra Girl's Hawaii 1 (16-inch) - 2015/2016',1,3,2016,269.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(15,'Electra Moto 1 - 2016',1,3,2016,529.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(16,'Electra Townie Original 7D EQ - 2016',1,3,2016,599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(17,'Pure Cycles Vine 8-Speed - 2016',4,3,2016,429);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(18,'Pure Cycles Western 3-Speed - Women's - 2015/2016',4,3,2016,449);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(19,'Pure Cycles William 3-Speed - 2016',4,3,2016,449);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(20,'Electra Townie Original 7D EQ - Women's - 2016',1,3,2016,599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(21,'Electra Cruiser 1 (24-Inch) - 2016',1,1,2016,269.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(22,'Electra Girl's Hawaii 1 (16-inch) - 2015/2016',1,1,2016,269.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(23,'Electra Girl's Hawaii 1 (20-inch) - 2015/2016',1,1,2016,299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(24,'Electra Townie Original 21D - 2016',1,2,2016,549.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(25,'Electra Townie Original 7D - 2015/2016',1,2,2016,499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(26,'Electra Townie Original 7D EQ - 2016',1,2,2016,599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(27,'Surly Big Dummy Frameset - 2017',8,6,2017,999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(28,'Surly Karate Monkey 27.5+ Frameset - 2017',8,6,2017,2499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(29,'Trek X-Caliber 8 - 2017',9,6,2017,999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(30,'Surly Ice Cream Truck Frameset - 2017',8,6,2017,999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(31,'Surly Wednesday - 2017',8,6,2017,1632.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(32,'Trek Farley Alloy Frameset - 2017',9,6,2017,469.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(33,'Surly Wednesday Frameset - 2017',8,6,2017,469.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(34,'Trek Session DH 27.5 Carbon Frameset - 2017',9,6,2017,469.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(35,'Sun Bicycles Spider 3i - 2017',7,6,2017,832.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(36,'Surly Troll Frameset - 2017',8,6,2017,832.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(37,'Haro Flightline One ST - 2017',2,6,2017,379.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(38,'Haro Flightline Two 26 Plus - 2017',2,6,2017,549.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(39,'Trek Stache 5 - 2017',9,6,2017,1499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(40,'Trek Fuel EX 9.8 29 - 2017',9,6,2017,4999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(41,'Haro Shift R3 - 2017',2,6,2017,1469.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(42,'Trek Fuel EX 5 27.5 Plus - 2017',9,6,2017,2299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(43,'Trek Fuel EX 9.8 27.5 Plus - 2017',9,6,2017,5299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(44,'Haro SR 1.1 - 2017',2,6,2017,539.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(45,'Haro SR 1.2 - 2017',2,6,2017,869.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(46,'Haro SR 1.3 - 2017',2,6,2017,1409.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(47,'Trek Remedy 9.8 - 2017',9,6,2017,5299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(48,'Trek Emonda S 4 - 2017',9,7,2017,1499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(49,'Trek Domane SL 6 - 2017',9,7,2017,3499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(50,'Trek Silque SLR 7 Women's - 2017',9,7,2017,5999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(51,'Trek Silque SLR 8 Women's - 2017',9,7,2017,6499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(52,'Surly Steamroller - 2017',8,7,2017,875.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(53,'Surly Ogre Frameset - 2017',8,7,2017,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(54,'Trek Domane SL Disc Frameset - 2017',9,7,2017,3199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(55,'Trek Domane S 6 - 2017',9,7,2017,2699.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(56,'Trek Domane SLR 6 Disc - 2017',9,7,2017,5499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(57,'Trek Emonda S 5 - 2017',9,7,2017,1999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(58,'Trek Madone 9.2 - 2017',9,7,2017,4999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(59,'Trek Domane S 5 Disc - 2017',9,7,2017,2599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(60,'Sun Bicycles ElectroLite - 2017',7,5,2017,1559.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(61,'Trek Powerfly 8 FS Plus - 2017',9,5,2017,4999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(62,'Trek Boone 7 - 2017',9,4,2017,3499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(63,'Trek Boone Race Shop Limited - 2017',9,4,2017,3499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(64,'Electra Townie Original 7D - 2017',1,3,2017,489.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(65,'Sun Bicycles Lil Bolt Type-R - 2017',7,3,2017,346.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(66,'Sun Bicycles Revolutions 24 - 2017',7,3,2017,250.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(67,'Sun Bicycles Revolutions 24 - Girl"s - 2017',7,3,2017,250.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(68,'Sun Bicycles Cruz 3 - 2017',7,3,2017,449.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(69,'Sun Bicycles Cruz 7 - 2017',7,3,2017,416.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(70,'Electra Amsterdam Original 3i - 2015/2017',1,3,2017,659.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(71,'Sun Bicycles Atlas X-Type - 2017',7,3,2017,416.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(72,'Sun Bicycles Biscayne Tandem 7 - 2017',7,3,2017,619.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(73,'Sun Bicycles Brickell Tandem 7 - 2017',7,3,2017,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(74,'Electra Cruiser Lux 1 - 2017',1,3,2017,439.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(75,'Electra Cruiser Lux Fat Tire 1 Ladies - 2017',1,3,2017,599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(76,'Electra Girl"s Hawaii 1 16" - 2017',1,3,2017,299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(77,'Electra Glam Punk 3i Ladies" - 2017',1,3,2017,799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(78,'Sun Bicycles Biscayne Tandem CB - 2017',7,3,2017,647.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(79,'Sun Bicycles Boardwalk (24-inch Wheels) - 2017',7,3,2017,402.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(80,'Sun Bicycles Brickell Tandem CB - 2017',7,3,2017,761.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(81,'Electra Amsterdam Fashion 7i Ladies" - 2017',1,3,2017,1099.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(82,'Electra Amsterdam Original 3i Ladies" - 2017',1,3,2017,659.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(83,'Trek Boy"s Kickster - 2015/2017',9,1,2017,149.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(84,'Sun Bicycles Lil Kitt"n - 2017',7,1,2017,109.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(85,'Haro Downtown 16 - 2017',2,1,2017,329.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(86,'Trek Girl's Kickster - 2017',9,1,2017,149.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(87,'Trek Precaliber 12 Boys - 2017',9,1,2017,189.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(88,'Trek Precaliber 12 Girls - 2017',9,1,2017,189.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(89,'Trek Precaliber 16 Boys - 2017',9,1,2017,209.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(90,'Trek Precaliber 16 Girls - 2017',9,1,2017,209.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(91,'Trek Precaliber 24 (21-Speed) - Girls - 2017',9,1,2017,349.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(92,'Haro Shredder 20 - 2017',2,1,2017,209.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(93,'Haro Shredder 20 Girls - 2017',2,1,2017,209.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(94,'Haro Shredder Pro 20 - 2017',2,1,2017,249.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(95,'Electra Girl's Hawaii 1 16" - 2017',1,1,2017,299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(96,'Electra Moto 3i (20-inch) - Boy's - 2017',1,1,2017,349.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(97,'Electra Savannah 3i (20-inch) - Girl's - 2017',1,1,2017,349.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(98,'Electra Straight 8 3i (20-inch) - Boy's - 2017',1,1,2017,489.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(99,'Electra Sugar Skulls 1 (20-inch) - Girl's - 2017',1,1,2017,299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(100,'Electra Townie 3i EQ (20-inch) - Boys" - 2017',1,1,2017,489.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(101,'Electra Townie 7D (20-inch) - Boys" - 2017',1,1,2017,339.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(102,'Electra Townie Original 7D - 2017',1,2,2017,489.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(103,'Sun Bicycles Streamway 3 - 2017',7,2,2017,551.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(104,'Sun Bicycles Streamway - 2017',7,2,2017,481.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(105,'Sun Bicycles Streamway 7 - 2017',7,2,2017,533.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(106,'Sun Bicycles Cruz 3 - 2017',7,2,2017,449.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(107,'Sun Bicycles Cruz 7 - 2017',7,2,2017,416.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(108,'Sun Bicycles Cruz 3 - Women"s - 2017',7,2,2017,449.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(109,'Sun Bicycles Cruz 7 - Women"s - 2017',7,2,2017,416.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(110,'Sun Bicycles Drifter 7 - 2017',7,2,2017,470.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(111,'Sun Bicycles Drifter 7 - Women"s - 2017',7,2,2017,470.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(112,'Trek 820 - 2018',9,6,2018,379.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(113,'Trek Marlin 5 - 2018',9,6,2018,489.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(114,'Trek Marlin 6 - 2018',9,6,2018,579.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(115,'Trek Fuel EX 8 29 - 2018',9,6,2018,3199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(116,'Trek Marlin 7 - 2017/2018',9,6,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(117,'Trek Ticket S Frame - 2018',9,6,2018,1469.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(118,'Trek X-Caliber 8 - 2018',9,6,2018,999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(119,'Trek Kids" Neko - 2018',9,6,2018,469.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(120,'Trek Fuel EX 7 29 - 2018',9,6,2018,2499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(121,'Surly Krampus Frameset - 2018',8,6,2018,2499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(122,'Surly Troll Frameset - 2018',8,6,2018,2499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(123,'Trek Farley Carbon Frameset - 2018',9,6,2018,999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(124,'Surly Krampus - 2018',8,6,2018,1499);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(125,'Trek Kids'' Dual Sport - 2018',9,6,2018,469.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(126,'Surly Big Fat Dummy Frameset - 2018',8,6,2018,469.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(127,'Surly Pack Rat Frameset - 2018',8,6,2018,469.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(128,'Surly ECR 27.5 - 2018',8,6,2018,1899);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(129,'Trek X-Caliber 7 - 2018',9,6,2018,919.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(130,'Trek Stache Carbon Frameset - 2018',9,6,2018,919.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(131,'Heller Bloodhound Trail - 2018',3,6,2018,2599);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(132,'Trek Procal AL Frameset - 2018',9,6,2018,1499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(133,'Trek Procaliber Frameset - 2018',9,6,2018,1499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(134,'Trek Remedy 27.5 C Frameset - 2018',9,6,2018,1499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(135,'Trek X-Caliber Frameset - 2018',9,6,2018,1499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(136,'Trek Procaliber 6 - 2018',9,6,2018,1799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(137,'Heller Shagamaw GX1 - 2018',3,6,2018,2599);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(138,'Trek Fuel EX 5 Plus - 2018',9,6,2018,2249.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(139,'Trek Remedy 7 27.5 - 2018',9,6,2018,2999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(140,'Trek Remedy 9.8 27.5 - 2018',9,6,2018,4999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(141,'Trek Stache 5 - 2018',9,6,2018,1599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(142,'Trek Fuel EX 8 29 XT - 2018',9,6,2018,3199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(143,'Trek Domane ALR 3 - 2018',9,7,2018,1099.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(144,'Trek Domane ALR 4 Disc - 2018',9,7,2018,1549.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(145,'Trek Domane ALR 5 Disc - 2018',9,7,2018,1799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(146,'Trek Domane SLR 6 - 2018',9,7,2018,4999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(147,'Trek Domane ALR 5 Gravel - 2018',9,7,2018,1799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(148,'Trek Domane SL 8 Disc - 2018',9,7,2018,5499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(149,'Trek Domane SLR 8 Disc - 2018',9,7,2018,7499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(150,'Trek Emonda SL 7 - 2018',9,7,2018,4499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(151,'Trek Domane ALR 4 Disc Women"s - 2018',9,7,2018,1549.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(152,'Trek Domane SL 5 Disc Women"s - 2018',9,7,2018,2499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(153,'Trek Domane SL 7 Women"s - 2018',9,7,2018,4999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(154,'Trek Domane SLR 6 Disc Women"s - 2018',9,7,2018,5499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(155,'Trek Domane SLR 9 Disc - 2018',9,7,2018,11999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(156,'Trek Domane SL Frameset - 2018',9,7,2018,6499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(157,'Trek Domane SL Frameset Women"s - 2018',9,7,2018,6499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(158,'Trek CrossRip 1 - 2018',9,7,2018,959.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(159,'Trek Emonda ALR 6 - 2018',9,7,2018,2299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(160,'Trek Emonda SLR 6 - 2018',9,7,2018,4499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(161,'Surly ECR - 2018',8,7,2018,1899);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(162,'Trek Emonda SL 6 Disc - 2018',9,7,2018,2999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(163,'Surly Pack Rat - 2018',8,7,2018,1349);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(164,'Surly Straggler 650b - 2018',8,7,2018,1549);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(165,'Trek 1120 - 2018',9,7,2018,2499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(166,'Trek Domane AL 2 Women's - 2018',9,7,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(167,'Surly ECR Frameset - 2018',8,7,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(168,'Surly Straggler - 2018',8,7,2018,1549);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(169,'Trek Emonda SLR 8 - 2018',9,7,2018,6499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(170,'Trek CrossRip 2 - 2018',9,7,2018,1299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(171,'Trek Domane SL 6 - 2018',9,7,2018,3199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(172,'Trek Domane ALR Disc Frameset - 2018',9,7,2018,3199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(173,'Trek Domane ALR Frameset - 2018',9,7,2018,3199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(174,'Trek Domane SLR Disc Frameset - 2018',9,7,2018,3199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(175,'Trek Domane SLR Frameset - 2018',9,7,2018,3199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(176,'Trek Madone 9 Frameset - 2018',9,7,2018,3199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(177,'Trek Domane SLR 6 Disc - 2018',9,7,2018,5499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(178,'Trek Domane AL 2 - 2018',9,7,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(179,'Trek Domane AL 3 - 2018',9,7,2018,919.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(180,'Trek Domane AL 3 Women"s - 2018',9,7,2018,919.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(181,'Trek Domane SL 5 - 2018',9,7,2018,2199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(182,'Trek Domane SL 5 Disc - 2018',9,7,2018,2499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(183,'Trek Domane SL 5 Women"s - 2018',9,7,2018,2199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(184,'Trek Domane SL 6 Disc - 2018',9,7,2018,3499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(185,'Trek Conduit+ - 2018',9,5,2018,2799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(186,'Trek CrossRip+ - 2018',9,5,2018,4499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(187,'Trek Neko+ - 2018',9,5,2018,2799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(188,'Trek XM700+ Lowstep - 2018',9,5,2018,3499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(189,'Trek Lift+ Lowstep - 2018',9,5,2018,2799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(190,'Trek Dual Sport+ - 2018',9,5,2018,2799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(191,'Electra Loft Go! 8i - 2018',1,5,2018,2799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(192,'Electra Townie Go! 8i - 2017/2018',1,5,2018,2599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(193,'Trek Lift+ - 2018',9,5,2018,2799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(194,'Trek XM700+ - 2018',9,5,2018,3499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(195,'Electra Townie Go! 8i Ladies" - 2018',1,5,2018,2599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(196,'Trek Verve+ - 2018',9,5,2018,2299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(197,'Trek Verve+ Lowstep - 2018',9,5,2018,2299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(198,'Electra Townie Commute Go! - 2018',1,5,2018,2999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(199,'Electra Townie Commute Go! Ladies' - 2018',1,5,2018,2999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(200,'Trek Powerfly 5 - 2018',9,5,2018,3499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(201,'Trek Powerfly 5 FS - 2018',9,5,2018,4499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(202,'Trek Powerfly 5 Women's - 2018',9,5,2018,3499.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(203,'Trek Powerfly 7 FS - 2018',9,5,2018,4999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(204,'Trek Super Commuter+ 7 - 2018',9,5,2018,3599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(205,'Trek Super Commuter+ 8S - 2018',9,5,2018,4999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(206,'Trek Boone 5 Disc - 2018',9,4,2018,3299.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(207,'Trek Boone 7 Disc - 2018',9,4,2018,3999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(208,'Trek Crockett 5 Disc - 2018',9,4,2018,1799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(209,'Trek Crockett 7 Disc - 2018',9,4,2018,2999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(210,'Surly Straggler - 2018',8,4,2018,1549);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(211,'Surly Straggler 650b - 2018',8,4,2018,1549);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(212,'Electra Townie Original 21D - 2018',1,3,2018,559.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(213,'Electra Cruiser 1 - 2016/2017/2018',1,3,2018,269.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(214,'Electra Tiger Shark 3i - 2018',1,3,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(215,'Electra Queen of Hearts 3i - 2018',1,3,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(216,'Electra Super Moto 8i - 2018',1,3,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(217,'Electra Straight 8 3i - 2018',1,3,2018,909.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(218,'Electra Cruiser 7D - 2016/2017/2018',1,3,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(219,'Electra Moto 3i - 2018',1,3,2018,639.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(220,'Electra Cruiser 1 Ladies" - 2018',1,3,2018,269.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(221,'Electra Cruiser 7D Ladies" - 2016/2018',1,3,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(222,'Electra Cruiser 1 Tall - 2016/2018',1,3,2018,269.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(223,'Electra Cruiser Lux 3i - 2018',1,3,2018,529.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(224,'Electra Cruiser Lux 7D - 2018',1,3,2018,479.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(225,'Electra Delivery 3i - 2016/2017/2018',1,3,2018,959.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(226,'Electra Townie Original 21D EQ - 2017/2018',1,3,2018,679.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(227,'Electra Cruiser 7D (24-Inch) Ladies" - 2016/2018',1,3,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(228,'Electra Cruiser 7D Tall - 2016/2018',1,3,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(229,'Electra Cruiser Lux 1 - 2016/2018',1,3,2018,429.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(230,'Electra Cruiser Lux 1 Ladies" - 2018',1,3,2018,429.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(231,'Electra Cruiser Lux 3i Ladies" - 2018',1,3,2018,529.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(232,'Electra Cruiser Lux 7D Ladies" - 2018',1,3,2018,479.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(233,'Electra Cruiser Lux Fat Tire 7D - 2018',1,3,2018,639.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(234,'Electra Daydreamer 3i Ladies" - 2018',1,3,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(235,'Electra Koa 3i Ladies" - 2018',1,3,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(236,'Electra Morningstar 3i Ladies" - 2018',1,3,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(237,'Electra Relic 3i - 2018',1,3,2018,849.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(238,'Electra Townie Balloon 8D EQ - 2016/2017/2018',1,3,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(239,'Electra Townie Balloon 8D EQ Ladies" - 2016/2017/2018',1,3,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(240,'Electra Townie Commute 27D Ladies - 2018',1,3,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(241,'Electra Townie Commute 8D - 2018',1,3,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(242,'Electra Townie Commute 8D Ladies" - 2018',1,3,2018,699.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(243,'Electra Townie Original 21D EQ Ladies" - 2018',1,3,2018,679.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(244,'Electra Townie Original 21D Ladies" - 2018',1,3,2018,559.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(245,'Electra Townie Original 3i EQ - 2017/2018',1,3,2018,659.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(246,'Electra Townie Original 3i EQ Ladies" - 2018',1,3,2018,639.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(247,'Electra Townie Original 7D EQ - 2018',1,3,2018,599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(248,'Electra Townie Original 7D EQ Ladies" - 2017/2018',1,3,2018,599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(249,'Electra White Water 3i - 2018',1,3,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(250,'Electra Townie Go! 8i - 2017/2018',1,3,2018,2599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(251,'Electra Townie Commute Go! - 2018',1,3,2018,2999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(252,'Electra Townie Commute Go! Ladies" - 2018',1,3,2018,2999.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(253,'Electra Townie Go! 8i Ladies" - 2018',1,3,2018,2599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(254,'Electra Townie Balloon 3i EQ - 2017/2018',1,3,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(255,'Electra Townie Balloon 7i EQ Ladies" - 2017/2018',1,3,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(256,'Electra Townie Commute 27D - 2018',1,3,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(257,'Electra Amsterdam Fashion 3i Ladies' - 2017/2018',1,3,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(258,'Electra Amsterdam Royal 8i - 2017/2018',1,3,2018,1259.9);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(259,'Electra Amsterdam Royal 8i Ladies - 2018',1,3,2018,1199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(260,'Electra Townie Balloon 3i EQ Ladies' - 2018',1,3,2018,799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(261,'Electra Townie Balloon 7i EQ - 2018',1,3,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(262,'Trek MT 201 - 2018',9,1,2018,249.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(263,'Strider Classic 12 Balance Bike - 2018',6,1,2018,89.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(264,'Strider Sport 16 - 2018',6,1,2018,249.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(265,'Strider Strider 20 Sport - 2018',6,1,2018,289.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(266,'Trek Superfly 20 - 2018',9,1,2018,399.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(267,'Trek Precaliber 12 Girl's - 2018',9,1,2018,199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(268,'Trek Kickster - 2018',9,1,2018,159.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(269,'Trek Precaliber 12 Boy's - 2018',9,1,2018,199.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(270,'Trek Precaliber 16 Boy's - 2018',9,1,2018,209.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(271,'Trek Precaliber 16 Girl's - 2018',9,1,2018,209.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(272,'Trek Precaliber 20 6-speed Boy's - 2018',9,1,2018,289.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(273,'Trek Precaliber 20 6-speed Girl's - 2018',9,1,2018,289.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(274,'Trek Precaliber 20 Boy's - 2018',9,1,2018,229.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(275,'Trek Precaliber 20 Girl's - 2018',9,1,2018,229.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(276,'Trek Precaliber 24 (7-Speed) - Boys - 2018',9,1,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(277,'Trek Precaliber 24 21-speed Boy's - 2018',9,1,2018,369.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(278,'Trek Precaliber 24 21-speed Girl's - 2018',9,1,2018,369.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(279,'Trek Precaliber 24 7-speed Girl's - 2018',9,1,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(280,'Trek Superfly 24 - 2017/2018',9,1,2018,489.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(281,'Electra Cruiser 7D (24-Inch) Ladies" - 2016/2018',1,1,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(282,'Electra Cyclosaurus 1 (16-inch) - Boy's - 2018',1,1,2018,279.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(283,'Electra Heartchya 1 (20-inch) - Girl's - 2018',1,1,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(284,'Electra Savannah 1 (20-inch) - Girl's - 2018',1,1,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(285,'Electra Soft Serve 1 (16-inch) - Girl's - 2018',1,1,2018,279.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(286,'Electra Starship 1 16" - 2018',1,1,2018,279.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(287,'Electra Straight 8 1 (16-inch) - Boy's - 2018',1,1,2018,279.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(288,'Electra Straight 8 1 (20-inch) - Boy's - 2018',1,1,2018,389.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(289,'Electra Superbolt 1 20" - 2018',1,1,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(290,'Electra Superbolt 3i 20" - 2018',1,1,2018,369.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(291,'Electra Sweet Ride 1 (20-inch) - Girl's - 2018',1,1,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(292,'Electra Sweet Ride 3i (20-inch) - Girls" - 2018',1,1,2018,369.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(293,'Electra Tiger Shark 1 (20-inch) - Boys" - 2018',1,1,2018,319.99);

```

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(294,'Electra Tiger Shark 3i (20-inch) - Boys' - 2018',1,1,2018,369.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(295,'Electra Treasure 1 20" - 2018',1,1,2018,319.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(296,'Electra Treasure 3i 20" - 2018',1,1,2018,369.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(297,'Electra Under-The-Sea 1 16" - 2018',1,1,2018,279.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(298,'Electra Water Lily 1 (16-inch) - Girl's - 2018',1,1,2018,279.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(299,'Electra Townie Original 21D - 2018',1,2,2018,559.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(300,'Electra Townie Balloon 3i EQ Ladies" - 2018',1,2,2018,799.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(301,'Electra Townie Balloon 7i EQ - 2018',1,2,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(302,'Electra Townie Original 1 - 2018',1,2,2018,449.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(303,'Electra Townie Go! 8i - 2017/2018',1,2,2018,2599.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(304,'Electra Townie Original 21D EQ - 2017/2018',1,2,2018,679.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(305,'Electra Townie Balloon 3i EQ - 2017/2018',1,2,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(306,'Electra Townie Balloon 7i EQ Ladies" - 2017/2018',1,2,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(307,'Electra Townie Balloon 8D EQ - 2016/2017/2018',1,2,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(308,'Electra Townie Balloon 8D EQ Ladies" - 2016/2017/2018',1,2,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(309,'Electra Townie Commute 27D - 2018',1,2,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(310,'Electra Townie Commute 27D Ladies - 2018',1,2,2018,899.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(311,'Electra Townie Commute 8D - 2018',1,2,2018,749.99);

INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year,
list_price) VALUES(312,'Electra Townie Commute 8D Ladies" - 2018',1,2,2018,699.99);

```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(313,'Electra Townie Original 1 Ladies' - 2018',1,2,2018,449.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(314,'Electra Townie Original 21D EQ Ladies' - 2018',1,2,2018,679.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(315,'Electra Townie Original 21D Ladies' - 2018',1,2,2018,559.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(316,'Trek Checkpoint ALR 4 Women''s - 2019',9,7,2019,1699.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(317,'Trek Checkpoint ALR 5 - 2019',9,7,2019,1999.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(318,'Trek Checkpoint ALR 5 Women''s - 2019',9,7,2019,1999.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(319,'Trek Checkpoint SL 5 Women''s - 2019',9,7,2019,2799.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(320,'Trek Checkpoint SL 6 - 2019',9,7,2019,3799.99);
```

```
INSERT INTO production.products(product_id, product_name, brand_id, category_id, model_year, list_price) VALUES(321,'Trek Checkpoint ALR Frameset - 2019',9,7,2019,3199.99);
```

```
Select count(*) from production.products;--321 rows
```

```
Select * from production.products;
```

```
-- Creating Table Stocks.
```

```
Create or Replace Table production.stocks
```

```
(  
    store_id INT,  
    product_id INT,  
    quantity INT,  
    PRIMARY KEY (store_id,product_id)  
);
```

```
Select * From production.stocks;
```

```
Select count(*) From production.stocks; -- 939 rows
```

-- Creating Table customers

Create or Replace Table sales.customers

```
(
    customer_id INT Identity(1,1) PRIMARY KEY,
    first_name VARCHAR (50),
    last_name VARCHAR (50),
    phone VARCHAR (20),
    email VARCHAR (50),
    street VARCHAR(100),
    city VARCHAR(50),
    state VARCHAR(50),
    zip_code VARCHAR(10)
);
```

Select * From sales.customers;

Select count(*) From sales.customers; -- 1445 rows

-- Creating Table Stores.

Create or Replace Table sales.stores

```
(
    store_id INT Identity(1,1) PRIMARY KEY,
    store_name VARCHAR (100),
    phone VARCHAR (20),
    email VARCHAR (50),
    street VARCHAR (100),
    city VARCHAR (50),
    state VARCHAR (50),
    zip_code VARCHAR(10)
);
```

Select * From sales.stores;

```
Select count(*) From sales.stores;--3 rows
```

```
-- Creating Table staffs.
```

```
Create or Replace Table sales.staffs
```

```
(  
    staff_id INT PRIMARY KEY,  
    first_name VARCHAR (50),  
    last_name VARCHAR (50),  
    email VARCHAR (50),  
    phone VARCHAR (50),  
    active INT,  
    store_id INT,  
    manager_id INT  
);
```

```
INSERT INTO sales.staffs(staff_id, first_name, last_name, email, phone, active, store_id, manager_id)  
VALUES(1,'Fabiola','Jackson','fabiola.jackson@bikes.shop','(831) 555-5554',1,1,NULL);
```

```
INSERT INTO sales.staffs(staff_id, first_name, last_name, email, phone, active, store_id, manager_id)  
VALUES(2,'Mireya','Copeland','mireya.copeland@bikes.shop','(831) 555-5555',1,1,1);
```

```
INSERT INTO sales.staffs(staff_id, first_name, last_name, email, phone, active, store_id, manager_id)  
VALUES(3,'Genna','Serrano','genna.serrano@bikes.shop','(831) 555-5556',1,1,2);
```

```
INSERT INTO sales.staffs(staff_id, first_name, last_name, email, phone, active, store_id, manager_id)  
VALUES(4,'Virgie','Wiggins','virgie.wiggins@bikes.shop','(831) 555-5557',1,1,2);
```

```
INSERT INTO sales.staffs(staff_id, first_name, last_name, email, phone, active, store_id, manager_id)  
VALUES(5,'Jannette','David','jannette.david@bikes.shop','(516) 379-4444',1,2,1);
```

```
INSERT INTO sales.staffs(staff_id, first_name, last_name, email, phone, active, store_id, manager_id)  
VALUES(6,'Marcelene','Boyer','marcelene.boyer@bikes.shop','(516) 379-4445',1,2,5);
```

```
INSERT INTO sales.staffs(staff_id, first_name, last_name, email, phone, active, store_id, manager_id)  
VALUES(7,'Venita','Daniel','venita.daniel@bikes.shop','(516) 379-4446',1,2,5);
```

```
INSERT INTO sales.staffs(staff_id, first_name, last_name, email, phone, active, store_id, manager_id)  
VALUES(8,'Kali','Vargas','kali.vargas@bikes.shop','(972) 530-5555',1,3,1);
```

```
INSERT INTO sales.staffs(staff_id, first_name, last_name, email, phone, active, store_id, manager_id)  
VALUES(9,'Layla','Terrell','layla.terrell@bikes.shop','(972) 530-5556',1,3,7);
```

```
INSERT INTO sales.staffs(staff_id, first_name, last_name, email, phone, active, store_id, manager_id)
VALUES(10,'Bernardine','Houston','bernardine.houston@bikes.shop','(972) 530-5557',1,3,7);
```

```
Select * from sales.staffs;
```

```
Select count(*) from sales.staffs; -- 10 rows
```

```
-- Creating Table orders.
```

```
Create or Replace Table sales.orders
```

```
(
    order_id INT PRIMARY KEY,
    customer_id INT,
    order_status INT,
    order_date DATE,
    required_date DATE,
    shipped_date VARCHAR(30),
    store_id INT,
    staff_id INT
);
```

```
Select * From sales.orders;
```

```
Select count(*) From sales.orders; -- 1615 rows
```

```
-- Creating Table order_items.
```

```
Create or Replace Table sales.order_items
```

```
(
    order_id INT,
    item_id INT,
    product_id INT,
    quantity INT,
    list_price INT,
    discount DECIMAL (5,2),
```

PRIMARY KEY (order_id,item_id)

);

Select * from sales.order_items;

Select count(*) from sales.order_items; -- 4722 rows

/*1.Design the complete database + schema + tables for the diagram shown above using appropriate data type for every column along with any constraints (checks + PK) mentioned in the task description and load the below data into the requisite tables.*/

The screenshot shows a database management interface with a sidebar on the left and a main workspace on the right. The sidebar displays a tree view of the database structure under the name 'AD_BIKESTORES'. It includes schemas like 'INFORMATION_SCHEMA', 'PRODUCTION', 'PUBLIC', and 'SALES'. Under 'PRODUCTION', there are tables: 'BRANDS', 'CATEGORIES', 'PRODUCTS', and 'STOCKS'. Under 'SALES', there are tables: 'CUSTOMERS', 'ORDERS', 'ORDER_ITEMS', 'STAFFS', and 'STORES'. The main workspace shows a SQL script being executed. The script includes commands to drop the database, create a new database named 'Bikestores', use the database, drop schemas 'sales' and 'production', create schemas 'Sales' and 'Production', and create a table 'Brand' within the 'production' schema. The 'Brand' table has two columns: 'brand_id' (INT PRIMARY KEY) and 'brand_name' (VARCHAR (100)). Below the script, there are tabs for 'Results' and 'Chart'. The 'Results' tab is active, showing a table with three columns: 'ORDER_ID', 'ITEM_ID', and 'PRODUCT_ID'. The table is currently empty, and a message below it states 'Query produced no re'.

```
1 Drop Database AD_Bikestores;
2
3 -- Creating a new database with name Bikestores
4 Create or Replace Database AD_Bikestores;
5
6 Use AD_Bikestores;
7
8 Drop Schema sales;
9 Drop Schema production;
10
11 -- Creating Schema Sales and Production.
12 Create or Replace Schema sales;
13 Create or Replace Schema production;
14
15 -- Creating Table Brand.
16 Create or Replace Table production.brands
17 (
18     brand_id INT PRIMARY KEY,
19     brand_name VARCHAR (100)
```

ORDER_ID	ITEM_ID	PRODUCT_ID
----------	---------	------------

Query produced no re

/* 2. Once the table has got created , there is a requirement of FOREIGN KEY implementation coming into picture where one needs to add (ALTER TABLE COMMAND) below foreign key on the table mentioned pointing to another table (READ ABOUT FOREIGN KEY) as : */

```
-- sales.staffs (store_id) -> sales.stores(storeid)
```

```
Alter Table sales.staffs ADD Foreign Key (store_id) References sales.stores(store_id);
```

```
-- sales.staffs (manager_id) -> sales.staffs (staff_id)
```

```
Alter Table sales.staffs ADD Foreign Key (manager_id) References sales.staffs(staff_id);
```

```
-- production.products (category_id) -> production.categories (category_id)
```

```
Alter Table production.products ADD Foreign Key (category_id) References  
production.categories(category_id);
```

```
-- production.products (brand_id) -> production.brands (brand_id)
```

```
Alter Table production.products ADD Foreign Key (brand_id) References production.brands  
(brand_id);
```

```
-- sales.orders (customer_id) -> sales.customers (customer_id)
```

```
Alter Table sales.orders ADD Foreign Key (customer_id) References sales.customers (customer_id);
```



```
-- sales.orders(store_id) -> sales.stores (store_id)
```

```
Alter Table sales.orders ADD Foreign Key (store_id) References sales.stores (store_id);
```

```
-- sales.orders (staff_id) -> sales.staffs (staff_id)
```

```
Alter Table sales.orders ADD Foreign Key (staff_id) References sales.staffs (staff_id);
```

```
-- sales.order_items(order_id) -> sales.orders (order_id)
```

```
Alter Table sales.order_items ADD Foreign Key (order_id) References sales.orders (order_id);
```

```
-- sales.order_items (product_id) -> production.products (product_id)
```

```
Alter Table sales.order_items ADD Foreign Key (product_id) References production.products  
(product_id);
```

```
-- production.stocks (store_id) -> sales.stores (store_id)
```

```
Alter Table production.stocks ADD Foreign Key (store_id) References sales.stores (store_id);
```

```
-- production.stocks (product_id) -> production.products (product_id)
```

```
Alter Table production.stocks ADD Foreign Key (product_id) References production.products  
(product_id);
```

--- 3. Does any of the table has missing or NULL value ? If yes which are those and what are their counts ?

Select * from production.brands;-- Zero NULL or Blank values

Select * from production.categories;-- Zero NULL or Blank values

Select * From production.products;-- Zero NULL or Blank values

Select * From production.stocks;-- Zero NULL or Blank values

Select * from sales.customers; -- Column phone has NULL values know lets count them

Select count(*) from sales.customers where phone IS NULL; -- column phone has 1267 NULL or blank values

Select * From sales.order_items;-- Zero NULL or Blank values

Select * from sales.orders; -- Column shipped_date has NULL values know lets count them.

Select count(*) from sales.orders where shipped_date is NULL; -- column shipped_date has 170 NULL or blankvalues

Select * From sales.staffs; -- Column manage_id has Null values know lets count them.

Select count(*) from sales.staffs where manager_id IS NULL; -- column manager_ID has 1 Null or blank Values

```
541 Select * from sales.customers;
542 Select count(*) from sales.customers where phone IS NULL; -- col
543
544 Select * From sales.order_items;-- Zero NULL or Blank values
545
546 Select * from sales.orders;
547 Select count(*) from sales.orders where shipped_date is NULL; --
548
549 Select * From sales.staffs;
550 Select count(*) from sales.staffs where manager_id IS NULL; -- c
551
552 Select * From sales.stores;-- Zero NULL or Blank values
553
554 -- 4)Does the datasets has any DUPLICATE(identical rows) ? If ye
possible without using any JOINS or WINDOW function
555
556 Select brand_id,brand_name,count(*) From production.brands
557 group by 1,2
558 having count(*)>1; -- No rows returned so no duplicate
```

↳ Results ~ Chart

	COUNT(*)
1	1

Select * From sales.stores; -- Zero NULL or Blank values

-- 4) Does the dataset have any DUPLICATE (identical rows)? If yes – can you just keep the first record and remove all the rest if it's possible without using any JOINS or WINDOW function

Select brand_id, brand_name, count(*) From production.brands

group by 1,2

having count(*)>1; -- No rows returned so no duplicate

```
Select brand_id, brand_name, count(*) From production.brands
group by 1,2
having count(*)>1; -- No rows returned so no duplicate

Select category_id, category_name, count(*) from production.categories
group by 1,2
having count(*) >1; -- No rows returned so no duplicate

Select product_id, product_name, brand_id, category_id, model_year, list_price, count(*) From production.products
Group by 1,2,3,4,5,6
Having count(*)>1; -- No rows returned so no duplicate

Select store_id, product_id, quantity, count(*) From production.stocks
Group by 1,2,3
```

Results		
Chart		
BRAND_ID	BRAND_NAME	COUNT(*)
Query produced no results		

Select category_id, category_name, count(*) from production.categories

group by 1,2

having count(*) >1; -- No rows returned so no duplicate

```
559
560 Select category_id, category_name, count(*) from production.categories
561 group by 1,2
562 having count(*) >1; -- No rows returned so no duplicate
563
564 Select product_id, product_name, brand_id, category_id, model_year, list_price, count(*) From production.products
565 Group by 1,2,3,4,5,6
566 Having count(*)>1; -- No rows returned so no duplicate
567
568 Select store_id, product_id, quantity, count(*) From production.stocks
569 Group by 1,2,3
```

Results		
Chart		
CATEGORY_ID	CATEGORY_NAME	COUNT(*)
Query produced no results		

Select product_id, product_name, brand_id, category_id, model_year, list_price, count(*) From production.products

Group by 1,2,3,4,5,6

Having count(*)>1;-- No rows returned so no duplicate

```
564 Select product_id, product_name, brand_id, category_id, model_year, list_price, count(*) From production.products
565 Group by 1,2,3,4,5,6
566 Having count(*)>1;-- No rows returned so no duplicate
567
568 Select store_id, product_id, quantity, count(*) From production.stocks
569 Group by 1,2,3
```

→ Results

Chart

PRODUCT_ID	PRODUCT_NAME	BRAND_ID	CATEGORY_ID	MODEL_YEAR	LIST_PRICE	COU
Query produced no results						

Query Details

Query duration

Rows

Query ID 01aeda7e

Select store_id, product_id, quantity, count(*) From production.stocks

Group by 1,2,3

Having count(*)>1; -- No rows returned so no duplicate

```
568 Select store_id, product_id, quantity, count(*) From production.stocks
569 Group by 1,2,3
570 Having count(*)>1; -- No rows returned so no duplicate
571
572 Select customer_id, first_name, last_name, phone, email, street, city, state, zip_code, count(*)
573 Group By 1,2,3,4,5,6,7,8,9
574 Having count(*) > 1; -- No rows returned so no duplicate
575
576 Select order_id, item_id, product_id, quantity, list_price, discount, count(*) From sales.order
577 Group by 1,2,3,4,5,6
578 Having count(*) >1; -- No rows returned so no duplicate
579
580 Select order_id, customer_id, order_status, order_date, required_date, shipped_date, store_id
581 Group by 1,2,3,4,5,6,7,8
582 Having count(*) > 1; -- No rows returned so no duplicate
```

→ Results					Chart
STORE_ID	PRODUCT_ID	QUANTITY	COU	Query produced no results	

Select customer_id,first_name, last_name, phone, email, street, city, state, zip_code,count(*) from sales.customers

Group By 1,2,3,4,5,6,7,8,9

Having count(*) > 1; -- No rows returned so no duplicate

```
--
'2  Select customer_id,first_name, last_name, phone, email, street, city, state, zip_code,count(*) from sales.customers
'3  Group By 1,2,3,4,5,6,7,8,9
'4  Having count(*) > 1; -- No rows returned so no duplicate
'5
'6  Select order_id, item_id, product_id, quantity, list_price,discount,count(*) From sales.order_items
'7  Group by 1,2,3,4,5,6
'8  Having count(*) >1; -- No rows returned so no duplicate
'9
'10 Select order_id, customer_id, order_status, order_date, required_date, shipped_date, store_id,staff_id,count(*) from sales.orders
'11 Group by 1,2,3,4,5,6,7,8
'12 Having count(*) > 1; -- No rows returned so no duplicate
```

Results									Chart		Query Details	
CUSTOMER_ID	FIRST_NAME	LAST_NAME	PHONE	EMAIL	STREET	CITY	STATE	ZIP_CODE				Query duration
Query produced no results												Rows
												Query ID 01aeda81

Select order_id, item_id, product_id, quantity, list_price,discount,count(*) From sales.order_items

Group by 1,2,3,4,5,6

Having count(*) >1; -- No rows returned so no duplicate

```
--
'76 Select order_id, item_id, product_id, quantity, list_price,discount,count(*) From sales.order_items
'77 Group by 1,2,3,4,5,6
'78 Having count(*) >1; -- No rows returned so no duplicate
'79
'80 Select order_id, customer_id, order_status, order_date, required_date, shipped_date, store_id,staff_id,count(*) from sales.orders
'81 Group by 1,2,3,4,5,6,7,8
'82 Having count(*) > 1; -- No rows returned so no duplicate
```

Results							Chart		Query Details	
ORDER_ID	ITEM_ID	PRODUCT_ID	QUANTITY	LIST_PRICE	DISCOUNT	COUNT(*)				Query
Query produced no results										Query
										Rows
										Query

Select order_id, customer_id, order_status, order_date, required_date, shipped_date, store_id, staff_id, count(*) from sales.orders

Group by 1,2,3,4,5,6,7,8

Having count(*) > 1; -- No rows returned so no duplicate

```
80 Select order_id, customer_id, order_status, order_date, required_date, shipped_date, store_id, staff_id, count(*) from sales.orders
81 Group by 1,2,3,4,5,6,7,8
82 Having count(*) > 1; -- No rows returned so no duplicate
83
84 Select staff_id, first_name, last_name, email, phone, active, store_id, manager_id, count(*) From sales.staffs
85 Group by 1,2,3,4,5,6,7,8
86 Having count(*)>1; -- No rows returned so no duplicate
```

Results							Chart
ORDER_ID	CUSTOMER_ID	ORDER_STATUS	ORDER_DATE	REQUIRED_DATE	SHIPPED_DATE		
Query produced no results							
							Query Details
							Query duration 74ms
							Rows 0

Select staff_id, first_name, last_name, email, phone, active, store_id, manager_id, count(*) From sales.staffs

Group by 1,2,3,4,5,6,7,8

Having count(*)>1; -- No rows returned so no duplicate

```
84 Select staff_id, first_name, last_name, email, phone, active, store_id, manager_id, count(*) From sales.staffs
85 Group by 1,2,3,4,5,6,7,8
86 Having count(*)>1; -- No rows returned so no duplicate
87
88 Select store_id, store_name, phone, email, street, city, state, zip_code, count(*) From sales.stores
89 Group by 1,2,3,4,5,6,7,8
90 Having count(*)>1; -- No rows returned so no duplicate
```

Results								Chart
STAFF_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE	ACTIVE	STORE_ID	MANAGER_ID	
Query produced no results								
								Query Details
								Query duration
								Rows

Select store_id, store_name, phone, email, street, city, state, zip_code, count(*) From sales.stores

Group by 1,2,3,4,5,6,7,8

Having count(*)>1; -- No rows returned so no duplicate

```
588 Select store_id, store_name, phone, email, street, city, state, zip_code, count(*) From sales.stores
589 Group by 1,2,3,4,5,6,7,8
590 Having count(*)>1; -- No rows returned so no duplicate
591
592 -- 3.How many unique tables are present in each schema and under each table how many records are we having ? (Write SQL Script
the same - I don't need answer like 3/5/4 etc)
```

Results										Chart
STORE_ID	STORE_NAME	PHONE	EMAIL	STREET	CITY	STATE	ZIP_CODE		CC	
Query produced no results										
										Query Details
										Query duration
										Rows
										Query ID: 01aada8a-3200-a3

-- 3.How many unique tables are present in each schema and under each table how many records are we having ? (Write SQL Script for the same – I don't need answer like 3/5/4 etc)

Show Tables IN AD_BIKESTORES.PRODUCTION;

```
Show Tables IN AD_BIKESTORES.PRODUCTION;
Show Tables IN AD_BIKESTORES.SALES;

Select count(*) From production.brands;-- 9 rows
Select count(*) from production.categories;-- 7 rows
Select count(*) from production.products;--321 rows
Select count(*) From production.stocks; -- 939 rows
Select count(*) From sales.customers; -- 1445 rows
Select count(*) From sales.stores;--3 rows
Select count(*) From sales.orders; -- 1615 rows
Select count(*) from sales.order_items; -- 4722 rows
Select count(*) from sales.staffs; -- 10 rows
```

created_on	name	database_name	schema_name	kind	comment
2023-09-07 03:23:41.184 -0700	BRANDS	AD_BIKESTORES	PRODUCTION	TABLE	
2023-09-07 03:23:42.771 -0700	CATEGORIES	AD_BIKESTORES	PRODUCTION	TABLE	
2023-09-07 03:54:03.835 -0700	PRODUCTS	AD_BIKESTORES	PRODUCTION	TABLE	
2023-09-07 03:23:45.576 -0700	STOCKS	AD_BIKESTORES	PRODUCTION	TABLE	

Show Tables IN AD_BIKESTORES.SALES;

```
Show Tables IN AD_BIKESTORES.PRODUCTION;
Show Tables IN AD_BIKESTORES.SALES;

Select count(*) From production.brands;-- 9 rows
Select count(*) from production.categories;-- 7 rows
Select count(*) from production.products;--321 rows
Select count(*) From production.stocks; -- 939 rows
Select count(*) From sales.customers; -- 1445 rows
Select count(*) From sales.stores;--3 rows
Select count(*) From sales.orders; -- 1615 rows
Select count(*) from sales.order_items; -- 4722 rows
Select count(*) from sales.staffs; -- 10 rows
```

created_on	name	database_name	schema_name	kind	comment
2023-09-07 06:43:23.336 -0700	CUSTOMERS	AD_BIKESTORES	SALES	TABLE	
2023-09-07 06:37:43.367 -0700	ORDERS	AD_BIKESTORES	SALES	TABLE	
2023-09-07 06:41:39.663 -0700	ORDER_ITEMS	AD_BIKESTORES	SALES	TABLE	
2023-09-07 03:23:50.147 -0700	STAFFS	AD_BIKESTORES	SALES	TABLE	
2023-09-07 03:23:48.636 -0700	STORES	AD_BIKESTORES	SALES	TABLE	

Select count(*) From production.brands;-- 9 rows

```
-  
7      Select count(*) From production.brands;-- 9 rows  
3      Select count(*) from production.categories;-- 7 rows  
7      Select count(*) from production.products;--321 rows  
0      Select count(*) From production.stocks; -- 939 rows  
1      Select count(*) From sales.customers; -- 1445 rows  
2      Select count(*) From sales.stores;--3 rows  
3      Select count(*) From sales.orders; -- 1615 rows  
4      Select count(*) from sales.order_items; -- 4722 rows  
5      Select count(*) from sales.staffs; -- 10 rows  
6
```

Results  Chart

COUNT(*)
9

Select count(*) from production.categories;-- 7 rows

```
Select count(*) from production.brands;-- 9 rows  
Select count(*) from production.categories;-- 7 rows  
Select count(*) from production.products;--321 rows  
Select count(*) From production.stocks; -- 939 rows  
Select count(*) From sales.customers; -- 1445 rows  
Select count(*) From sales.stores;--3 rows  
Select count(*) From sales.orders; -- 1615 rows  
Select count(*) from sales.order_items; -- 4722 rows  
Select count(*) from sales.staffs; -- 10 rows
```

Results  Chart

COUNT(*)
7

Select count(*) from production.products;--321 rows

```
Select count(*) from production.products;--321 rows
Select count(*) From production.stocks; -- 939 rows
Select count(*) From sales.customers; -- 1445 rows
Select count(*) From sales.stores;--3 rows
Select count(*) From sales.orders; -- 1615 rows
Select count(*) from sales.order_items; -- 4722 rows
Select count(*) from sales.staffs; -- 10 rows
```

Results

Chart

COUNT(*)

321

Select count(*) From production.stocks; -- 939 rows

```
// Select count(*) from production.products; -- 321 rows
00 Select count(*) From production.stocks; -- 939 rows
01 Select count(*) From sales.customers; -- 1445 rows
02 Select count(*) From sales.stores;--3 rows
03 Select count(*) From sales.orders; -- 1615 rows
04 Select count(*) from sales.order_items; -- 4722 rows
05 Select count(*) from sales.staffs; -- 10 rows
06
```

Results

Chart

COUNT(*)

939

Select count(*) From sales.customers; -- 1445 rows

```
SQL> Select count(*) From sales.customers; -- 1445 rows
SQL> Select count(*) From sales.stores;--3 rows
SQL> Select count(*) From sales.orders; -- 1615 rows
SQL> Select count(*) from sales.order_items; -- 4722 rows
SQL> Select count(*) from sales.staffs; -- 10 rows
SQL>
```

→ Results ~ Chart

COUNT(*)
1,445

Select count(*) From sales.stores;--3 rows

```
SQL> Select count(*) From sales.stores;--3 rows
SQL> Select count(*) From sales.orders; -- 1615 rows
SQL> Select count(*) from sales.order_items; -- 4722 rows
SQL> Select count(*) from sales.staffs; -- 10 rows
SQL>
```

→ Results ~ Chart

COUNT(*)
3

Select count(*) From sales.orders; -- 1615 rows

```
603 Select count(*) From sales.orders; -- 1615 rows
604 Select count(*) from sales.order_items; -- 4722 rows
605 Select count(*) from sales.staffs; -- 10 rows
606
```

Results Chart

	COUNT(*)
1	1,615

Select count(*) from sales.order_items; -- 4722 rows

```
604 Select count(*) from sales.order_items; -- 4722 rows
605 Select count(*) from sales.staffs; -- 10 rows
606
```

Results Chart

	COUNT(*)
1	4,722

Select count(*) from sales.staffs; -- 10 rows

```
605 Select count(*) from sales.staffs; -- 10 rows
606
607 -- 4.How many total serving customer BikeStore has ?
608
609 Select count(distinct customer_id) from sales.customers; -- Total 1445 cust
```

Results Chart

	COUNT(*)
1	10

-- 4.How many total serving customer BikeStore has ?

Select count(distinct customer_id) from sales.customers; -- Total 1445 customers are there for Bikestores

```
609  Select count(distinct customer_id) from sales.customers;
610
611  -- 5.How many total orders are there ?
612  Select count(distinct order_id) from sales.orders; -- Total
613
614
615  -- 8. How many orders each customer has placed (give me top 10 customers)
616  Select customer_id,count(order_id) from sales.orders
617  Group by 1
618  Order by 2 Desc Limit 10;
```

Results Chart

	COUNT(DISTINCT CUSTOMER_ID)
1	1,445

-- 5.How many total orders are there ?

Select count(distinct order_id) from sales.orders; -- Total 1615 orders

```
612  Select count(distinct order_id) from sales.orders; -- Total 1615 orders
613
614
615  -- 8. How many orders each customer has placed (give me top 10 customers)
616  Select customer_id,count(order_id) from sales.orders
617  Group by 1
618  Order by 2 Desc Limit 10;
```

Results Chart

	COUNT(DISTINCT ORDER_ID)
1	1,615

-- 8. How many orders each customer has placed (give me top 10 customers)

Select customer_id,count(order_id) from sales.orders

Group by 1

Order by 2 Desc limit 10;

```
615      -- 8. How many orders each customer has placed (give me top 10 customers)
616      Select customer_id,count(order_id) from sales.orders
617      Group by 1
618      Order by 2 Desc limit 10;
619
```

Results Chart

	CUSTOMER_ID	COUNT(ORDER_ID)
1	13	3
2	9	3
3	12	3
4	31	3
5	24	3
6	43	3
7	7	3
8	66	3
9	46	3
0	50	3

-- 9. Which are the TOP 3 selling product ?

Select product_id,sum(quantity) from sales.order_items

Group by 1

Order by 2 Desc limit 3;

```
620      -- 9. Which are the TOP 3 selling product ?
621      Select product_id,sum(quantity) from sales.order_items
622      Group by 1
623      Order by 2 Desc limit 3;
624
625      -- 10. Which was the first and last order placed by the cust
626      Select customer_id, sum(order_id) from sales.orders
```

Results Chart

	PRODUCT_ID	SUM(QUANTITY)
1	6	167
2	13	157
3	16	156

-- 10. Which was the first and last order placed by the customer who has placed maximum number of orders ?

Select customer_id, sum(order_id) from sales.orders

Group by 1

Order by 2 Desc limit 1;-- Customer_id 3 has max order.

```
625 -- 10. Which was the first and last order placed by the customer who ha
626 Select customer_id, sum(order_id) from sales.orders
627 Group by 1
628 Order by 2 Desc limit 1;-- Customer_id 3 has max order.
629
630 Select customer_id,max(order_date) As last_order_date,min(order_date) a
631 where customer_id = 3
632 Group by 1;
633
634 -- 12. Which product has orders more than 200 ?
635 Select product_id,sum(quantity) from sales.order_items
636 Group by 1
637 Having 2 > 200;
638
```

Results Chart		
	CUSTOMER_ID	SUM(ORDER_ID)
1	3	4,576

Select customer_id,max(order_date) As last_order_date,min(order_date) as first_order_date from sales.orders

where customer_id = 3

Group by 1;

```
629
630 Select customer_id,max(order_date) As last_order_date,min(order_date) as first_order_date from sales.orders
631 where customer_id = 3
632 Group by 1;
633
634 -- 12. Which product has orders more than 200 ?
635 Select product_id,sum(quantity) from sales.order_items
636 Group by 1
637 Having 2 > 200;
638
```

Results Chart			
	CUSTOMER_ID	LAST_ORDER_DATE	FIRST_ORDER_DATE
	3	2018-10-21	2018-03-27

Query
Query
Rows
Query
CUSTC

-- 12. Which product has orders more than 200 ?

Select product_id,sum(quantity) from sales.order_items

Group by 1

Having 2 > 200; -- No product ordered more than 200 times.

```
634 -- 12. Which product has orders more than 200 ?
635 Select product_id,sum(quantity) from sales.order_items
636 Group by 1
637 Having 2 > 200;
638
639 -- 13.Add a column TOTAL_PRICE with appropriate data type into the sales.order_items
640 Alter Table sales.order_items ADD total_price Int;
641
642 -- 14.Calculate TOTAL_PRICE = quantity * list price and Update the value for all rows in the sale
643 Update sales.order_items
644 SET total_price = quantity*list_price;
```

Results		Chart	
	PRODUCT_ID	SUM(QUANTITY)	

Query produced no results

-- 13.Add a column TOTAL_PRICE with appropriate data type into the sales.order_items

Alter Table sales.order_items ADD total_price Int; -- Will add column 'total_price' at the end of table.

-- 14.Calculate TOTAL_PRICE = quantity * list price and Update the value for all rows in the sales.order_items table.

Update sales.order_items

SET total_price = quantity*list_price;

```
642 -- 14.Calculate TOTAL_PRICE = quantity * list price and Update the value for all rows in the sales.order_items
643 Update sales.order_items
644 SET total_price = quantity*list_price;
645
646 -- 14.What is the value of the TOTAL_PRICE paid for all the sales.order_items ?
647 Select sum(total_price) from sales.order_items; -- 8579054
648
649
650 Select * From production.brands;-- 9 rows
651 Select * from production.categories;-- 7 rows
652 Select * from production.products;--321 rows
653 Select * From production.stocks; -- 939 rows
654 Select * From sales.customers; -- 1445 rows
655 Select * From sales.orders; -- 1445 rows
```

Results

Chart

	ORDER_ID	ITEM_ID	PRODUCT_ID	QUANTITY	LIST_PRICE	DISCOUNT	TOTAL_PRICE
1	1	1	20	1	600	0.20	600
2	1	2	8	2	1,800	0.07	3,600
3	1	3	10	2	1,549	0.05	3,098
4	1	4	16	2	600	0.05	1,200
5	1	5	4	1	2,900	0.20	2,900

-- 14.What is the value of the TOTAL_PRICE paid for all the sales.order_items ?

Select sum(total_price) from sales.order_items; -- 8579054

```
645
646 -- 14.What is the value of the TOTAL_PRICE paid for all the sales.order_items ?
647 Select sum(total_price) from sales.order_items; -- 8579054
648
649
650 Select * From production.brands;-- 9 rows
651 Select * from production.categories;-- 7 rows
652 Select * from production.products;--321 rows
653 Select * From production.stocks; -- 939 rows
654 Select * From sales.customers; -- 1445 rows
655 Select * From sales.orders; -- 1445 rows
```

Results		Chart	
	SUM(TOTAL_PRICE)		
1	8,579,054		