```
-- MySQL dump 10.13 Distrib 8.0.33, for Win64 (x86_64)
-- Host: 127.0.0.1 Database: mydb
-- Server version 8.0.33
/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!50503 SET NAMES utf8 */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;
-- Table structure for table `customer`
DROP DATABASE IF EXISTS mydb;
CREATE DATABASE mydb;
USE mydb;
DROP TABLE IF EXISTS `customer`;
/*!40101 SET @saved_cs_client
                                     = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `customer` (
  `CustomerID` int NOT NULL AUTO_INCREMENT,
  `FirstName` varchar(45) NOT NULL,
  `LastName` varchar(45) NOT NULL,
  `Street` varchar(45) NOT NULL,
  `City` varchar(45) NOT NULL,
  `State` varchar(45) NOT NULL,
  `PinCode` int NOT NULL,
  `EmailId` varchar(45) NOT NULL,
  `PhoneNumber` varchar(45) NOT NULL, PRIMARY KEY (`CustomerID`)
) ENGINE=InnoDB AUTO_INCREMENT=67 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `customer`
LOCK TABLES `customer` WRITE;
/*!40000 ALTER TABLE `customer` DISABLE KEYS */;
INSERT INTO `customer` VALUES (1, 'Chickie', 'Brister', '2856 Rhonda
Lane', 'Denver', 'CO', 80207, 'Brister_Chickie@umd.com', '(240) 672-3456'),
(2, 'Morly', 'Genery', '1638 E Washington
St','Denver','CO',80219,'Genery_Morly@umd.com','(240) 672-3459'),
(3,'Ardelis','Forrester','628 n Lafayette
st.','Denver','CO',80219,'Forrester_Ardelis@umd.com','(240) 672-3462'),
(4, 'Lucine', 'Stutt', '58 S 2nd
street', 'Denver', 'CO', 80219, 'Stutt_Lucine@umd.com', '(240) 672-3465'),
(5,'Melinda','Hadlee','58 S 2nd
Street','Denver','CO',80219,'Hadlee_Melinda@umd.com','(240) 672-3468'),
(6,'Druci','Brandli','58 S 2nd
Street','Denver','CO',80219,'Brandli_Druci@umd.com','(240) 672-3471'),
(7, 'Rutledge', 'Hallt', '1621 West Turner St Apt
```

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1', 'Denver', 'CO', 80219, 'Hallt_Rutledge@umd.com', '(240) 672-3474'),
(8,'Nancie','Vian','1206 North Nelson st apt
302','Denver','CO',80219,'Vian_Nancie@umd.com','(240) 672-3477'),
(9, 'Duff', 'Karlowicz', '384 Hickory lane
D3', 'Denver', 'C0', 80202, 'Karlowicz_Duff@umd.com', '(240) 672-3480'), (10, 'Barthel', 'Docket', 'Ocean Avenue', 'Santa
Monica', 'CA', 90402, 'Docket_Barthel@umd.com', '(240) 672-3483'),
(11, 'Rockwell', 'Matson', 'Sunset Boulevard', 'Los
Angeles','CA',90027,'Matson_Rockwell@umd.com','(240) 672-3486'), (12,'Wheeler','Winward','Lombard Street','San
Francisco', 'CA', 94133, 'Winward_Wheeler@umd.com', '(240) 672-3489'), (13, 'Olag', 'Rover', 'Rodeo Drive', 'Beverly Hills', 'CA', 90210, 'R_Olag@umd.com', '(240)
672-3492'), (14, 'Melba', 'Spellacy', 'Castro Street', 'San
Francisco', CA', 94114, Spellacy_Melba@umd.com', (240) 672-3495'), (15, Mandie', Feares', Hollywood Boulevard', Los
Angeles', 'CA', 90028, 'Feares_Mandie@umd.com', '(240) 672-3498'), (16, 'Dukie', 'Swire', 'Union Street', 'San Francisco', 'CA', 94123, 'Swire_Dukie@umd.com', '(240) 672-3501'),
(17, 'Marcelia', 'Monkleigh', 'Mulholland Drive', 'Beverly
Hills','CA',90210,'Monkleigh_Marcelia@umd.com','(240) 672-3504'),
(18, 'Winnifred', 'Beswetherick', 'Market Street', 'San
Francisco', 'CA', 94103, 'Beswetherick_Winnifred@umd.com', '(240) 672-3507'),
(19, 'Odilia', 'Quick', 'Wilshire Boulevard', 'Beverly Hills', 'CA', 90211, 'Quick_Odilia@umd.com', '(240) 672-3510'),
(20, 'Karly', 'Willavize', 'Pacific Coast
Highway', 'Malibu', 'CA', 90265, 'Willavize_Karly@umd.com', '(240) 672-3513'),
(21, 'Teddie', 'Burchill', 'Valencia Street', 'San
Francisco', 'CA', 94110, 'Burchill_Teddie@umd.com', '(240) 672-3516'),
(22, 'Gaston', 'Dallaghan', 'Melrose Avenue', 'West
Hollywood', 'CA', 90069, 'Dallaghan_Gaston@umd.com', '(240) 672-3519'), (23, 'Otis', 'Ottey', 'Golden Gate Avenue', 'San Francisco', 'CA', 94102, 'Ottey_Otis@umd.com', '(240) 672-3522'), (24, 'Tabbatha', 'Averill', 'La Cienega Boulevard', 'Los
Angeles', 'CA', 90069, 'Averill_Tabbatha@umd.com', '(240) 672-3525'),
(25, 'Brena', 'Schnitter', 'Fillmore Street', 'San
Francisco', 'CA', 94115, 'Schnitter_Brena@umd.com', '(240) 672-3528'),
(26, 'Rourke', 'Gillbard', 'Abbot Kinney Boulevard', 'Venice', 'CA', 90291, 'Gillbard_Rourke@umd.com', '(240) 672-3531'),
(27, 'Dyane', 'Burwell', 'Mission Street', 'San
Francisco', 'CA', 94110, 'Burwell_Dyane@umd.com', '(240) 672-3534'),
(28, 'Claudine', 'Barstowk', 'North Beverly Drive', 'Beverly
Hills', 'CA', 90210, 'Barstowk_Claudine@umd.com', '(240) 672-3537'),
(29, 'Blinnie', 'Roze', 'Lombardi Avenue', 'Santa
Clara','CA',95050,'Roze_Blinnie@umd.com','(240) 672-3540'),(30,'Rhona','De Freyne','303 E linden st','Denver','CO',80220,'De Freyne_Rhona@umd.com','(240) 672-
3543'),(31,'Sharron','Claibourn','830 pembroke
rd', 'Denver', 'CO', 80220, 'Claibourn_Sharron@umd.com', '(240) 672-3546'),
(32, 'Brien', 'Heaton', '1215A E Marks St Apt
202', 'Denver', 'CO', 80220, 'Heaton_Brien@umd.com', '(240) 672-3549'), (33, 'Sybilla', 'MacCart', '1619 West South
Street', 'Denver', 'CO', 80220, 'MacCart_Sybilla@umd.com', '(240) 672-3552'),
(34, 'Mikel', 'McNess', 'Main
Street', 'Annapolis', 'MD', 21401, 'McNess_Mikel@umd.com', '(240) 672-3555'),
(35, 'Maisie', 'Maddox', 'Calvert
Street', 'Baltimore', 'MD', 21202, 'Maddox_Maisie@umd.com', '(240) 672-3558'),
(36, 'Arleen', 'Casbolt', 'East Pratt
Street', 'Baltimore', 'MD', 21202, 'Casbolt_Arleen@umd.com', '(240) 672-3561'),
(37, 'Farlie', 'Petford', 'Montgomery
Avenue', 'Bethesda', 'MD', 20814, 'Petford_Farlie@umd.com', '(240) 672-3564'),
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(38, 'Mitchell', 'MacCague', 'Wisconsin Avenue', 'Chevy
Chase', 'MD', 20815, 'MacCague_Mitchell@umd.com', '(240) 672-3567'), (39, 'Garik', 'Whitwell', 'West Patrick
Street', 'Frederick', 'MD', 21701, 'Whitwell_Garik@umd.com', '(240) 672-3570'),
(40, 'Antonin', 'Britt', 'Charles Street', 'La
Plata', 'MD', 20646, 'Britt_Antonin@umd.com', '(240) 672-3573'),
(41, 'Vinny', 'Incogna', 'Greenbelt
Road', 'Greenbelt', 'MD', 20770, 'Incogna_Vinny@umd.com', '(240) 672-3576'),
(42, 'Colene', 'Fishleigh', 'Frederick
Road', 'Germantown', 'MD', 20874, 'Fishleigh_Colene@umd.com', '(240) 672-3579'),
(43, 'Neile', 'Argent', 'Saint Paul Street', 'Baltimore', 'MD', 21218, 'Argent_Neile@umd.com', '(240) 672-3582'),
(44, 'Corinna', 'Suggey', 'Duke
Street','Alexandria','MD',22314,'Suggey_Corinna@umd.com','(240) 672-3585'), (45,'Brooke','Arling','Ritchie Highway','Glen
Burnie', 'MD', 21061, 'Arling_Brooke@umd.com', '(240) 672-3588'), (46, 'Gipsy', 'Ewestace', 'Duke of Gloucester
Street', 'Annapolis', 'MD', 21401, 'Ewestace_Gipsy@umd.com', '(240) 672-3591'),
(47, 'Sheena', 'Kybbye', 'Rockville
Pike', 'Rockville', 'MD', 20852, 'Kybbye_Sheena@umd.com', '(240) 672-3594'),
(48, 'Jobina', 'Gobourn', 'Main Street', 'Ellicott
City','MD',21043,'Gobourn_Jobina@umd.com','(240) 672-3597'),
(49, 'Gale', 'Disbrow', 'Ellsworth Drive', 'Silver
Spring', 'MD', 20910, 'Disbrow_Gale@umd.com', '(240) 672-3600'),
(50, 'Thaxter', 'Kingsbury', 'Maryland
Avenue', 'Rockville', 'MD', 20850, 'Kingsbury_Thaxter@umd.com', '(240) 672-3603'),
(51, 'Heinrick', 'Shilstone', 'Charles Street
Avenue', 'Towson', 'MD', 21204, 'Shilstone_Heinrick@umd.com','(240) 672-3606'),
(52, 'Taylor', 'Steuhlmeyer', 'Main
Street', 'Laurel', 'MD', 20707, 'Steuhlmeyer_Taylor@umd.com', '(240) 672-3609'),
(53, 'Griswold', 'Kelsall', 'North Market
Street', 'Frederick', 'MD', 21701, 'Kelsall_Griswold@umd.com','(240) 672-3612'),
(54, 'Odessa', 'Mc Andrew', '10 StoneCreek Court', 'Denver', 'CO', 80217, 'Mc
Andrew_Odessa@umd.com','(240) 672-3615'),(55,'Lavena','Seekings','1306 East Gordon
Street', 'Denver', 'CO', 80217, 'Seekings_Lavena@umd.com', '(240) 672-3618'), (56, 'Martelle', 'Tuppeny', '1306 East Gordon
Street', 'Denver', 'CO', 80217, 'Tuppeny_Martelle@umd.com', '(240) 672-3621'),
(57, 'Briant', 'Ladley', '702 West Turner Street apt
$02','Denver','C0',80217,'Ladley_Briant@umd.com','(240) 672-3624'),
(58, 'Marylou', 'Kirkup', '824 plymouth st', 'Denver', 'CO', 80217, 'Kirkup_Marylou@umd.com', '(240) 672-3627'),
(59, 'Ron', 'Whittaker', '824 plymouth
824', 'Denver', 'CO', 80217, 'R_Whittaker@umd.com', '(240) 672-3630'),
824', Denver', CO', 80217, R_WILLTAKE | Wallacton | (240, 672 3636'), (60, 'Normy', 'Goodinge', '624 N 5  
St', 'Denver', 'CO', 80217, 'Goodinge_Normy@umd.com', '(240) 672-3633'), (61, 'Lorrie', 'Antonelli', '2342 w hamilton st apt  
1A', 'Denver', 'CO', 20159, 'Antonelli_Lorrie@umd.com', '(240) 672-3636'),
(62, 'Jedediah', 'Kedie', '440 S 18th
Street', 'Denver', 'CO', 20159, 'Kedie_Jedediah@umd.com', '(240) 672-3639'),
(63, 'Kaine', 'Smallcombe', '1429 Detweiler
Avenue', 'Denver', 'CO', 20158, 'Smallcombe_Kaine@umd.com', '(240) 672-3642'), (64, 'Loise', 'Iltchev', '1710w elm st
18104','Denver','CO',20158,'Iltchev_Loise@umd.com','(240) 672-3645'),
(65, 'Cristen', 'Maroney', '271 E Fairview
Street', 'Denver', 'CO', 20158, 'Maroney_Cristen@umd.com', '(240) 672-3648'),
(66, 'Dorothy', 'Barnardo', '320 s 14th st', 'Denver', 'CO', 20158, 'Barnardo_Dorothy@umd.com', '(240) 672-3651');
/*!40000 ALTER TABLE `customer` ENABLE KEYS */;
UNLOCK TABLES;
```

```
-- Temporary view structure for view `delayed_deliveries`
DROP TABLE IF EXISTS `delayed_deliveries`;
/*!50001 DROP VIEW IF EXISTS `delayed_deliveries`*/;
                             = @@character_set_client;
SET @saved_cs_client
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `delayed_deliveries` AS SELECT
 1 AS `no_of_delayed_deliveries`*/;
SET character_set_client = @saved_cs_client;
-- Table structure for table `delivery`
DROP TABLE IF EXISTS `delivery`;
/*!40101 SET @saved_cs_client
                                       = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `delivery` (
  `DeliveryID` int NOT NULL AUTO_INCREMENT,
  `Delivery_Street` varchar(45) NOT NULL,
  `Delivery_City` varchar(45) NOT NULL,
  `Delivery_State` varchar(45) NOT NULL,
  `Delivery_Pin_Code` int NOT NULL,
  `Delivery_Distance_kms` varchar(45) NOT NULL,
  `Delivery_Status` varchar(45) NOT NULL,
  `EstimatedDeliveryTime_mins` decimal(10,0) DEFAULT NULL,
  `Delivery_Fee` decimal(10,0) NOT NULL,
  `Delivery_AgentID` int NOT NULL,
  `OrderID` int NOT NULL,
  PRIMARY KEY (`DeliveryID`),
  KEY `Delivery_AgentFK_idx` (`Delivery_AgentID`),
  KEY `fk_OrderID_idx` (`OrderID`),
  CONSTRAINT `Delivery_AgentFK` FOREIGN KEY (`Delivery_AgentID`) REFERENCES
 `delivery_agent` (`Delivery_AgentID`),
  CONSTRAINT `fk_OrderID` FOREIGN KEY (`OrderID`) REFERENCES `order` (`OrderID`)
) ENGINE=InnoDB AUTO_INCREMENT=40 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `delivery`
LOCK TABLES `delivery` WRITE;
/*!40000 ALTER TABLE `delivery` DISABLE KEYS */;
INSERT INTO `delivery` VALUES (1, '1213 e Woodlawn st apt
307', 'Denver', 'CO', 80212, '10', 'Assigned', 53, 5, 14, 3), (2, '1213 e Woodlawn st apt 307', 'Denver', 'CO', 80212, '5', 'Assigned', 27, 4, 31, 13), (3, 'Valencia Street', 'San
Francisco', 'CA', 94110, '30', 'Assigned', 71, 4, 17, 33), (4, 'Melrose Avenue', 'West Hollywood', 'CA', 90069, '23', 'Assigned', 61, 4, 30, 5), (5, '627 w union
st', 'Denver', 'CO', 80212, '2', 'Assigned', 18, 4, 21, 24), (6, '1206 North Nelson street Apt
302', 'Denver', 'CO', 80220, '34', 'In Progress', 72, 4, 11, 23), (7, '30 N 2nd
Street', 'Denver', 'CO', 80217, '12', 'In Progress', 49, 4, 38, 38), (8, '830 pembroke rd', 'Denver', 'CO', 80220, '4', 'Assigned', 25, 4, 18, 28), (9, '1215A E Marks St Apt
202', 'Denver', 'CO', 80220, '43', 'Assigned', 80, 4, 12, 32), (10, '1619 West South
Street', 'Denver', 'CO', 80220, '23', 'Assigned', 71, 4, 5, 19), (11, 'Wilshire
Boulevard', 'Beverly Hills', 'CA', 90211, '4', 'Completed', 14, 4, 11, 8), (12, 'Pacific Coast
```

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Highway', 'Malibu', 'CA', 90265, '22', 'Completed', 63, 4, 4, 10), (13, 'Valencia Street', 'San
Francisco', 'CA', 94110, '14', 'Completed', 50, 4, 33, 36), (14, 'Melrose Avenue', 'West Hollywood', 'CA', 90069, '13', 'Completed', 52, 4, 23, 31), (15, 'Golden Gate Avenue', 'San Francisco', 'CA', 94102, '29', 'Completed', 57, 4, 5, 17), (16, 'La Cienega Boulevard', 'Los
 Angeles', 'CA', 90069, '19', 'Completed', 61, 4, 23, 27), (17, '1710w elm st
18104', 'Denver', 'CO', 20158, '20', 'In Progress', 54, 4, 34, 22), (18, '271 E Fairview Street', 'Denver', 'CO', 20158, '5', 'In Progress', 33, 8, 35, 2), (19, 'Greenbelt Road', 'Greenbelt', 'MD', 20770, '2', 'In Progress', 15, 9, 35, 30), (20, 'Frederick
Road', 'Greenbelt', 'MD', 20770, '2', 'In Progress', 15, 9, 35, 30), (20, 'Frederick Road', 'Germantown', 'MD', 20874, '2', 'In Progress', 19, 9, 4, 12), (21, 'Saint Paul Street', 'Baltimore', 'MD', 21218, '14', 'In Progress', 43, 9, 14, 21), (22, '710 Karoly street', 'Denver', 'CO', 80217, '3', 'In Progress', 21, 9, 10, 9), (23, '634 w Washington st', 'Denver', 'CO', 80217, '23', 'Assigned', 53, 9, 5, 26), (24, '634 w Washington st', 'Denver', 'CO', 80217, '23', 'Assigned', 56, 9, 11, 34), (25, '614 44563 N 8th st', 'Denver', 'CO', 80217, '12', 'Assigned', 50, 9, 12, 18), (26, '534 w green st', 'Denver', 'CO', 80217, '4', 'Assigned', 23, 9, 20, 7), (27, '534 w green st', 'Denver', 'CO', 80217, '43', 'Assigned', 80, 9, 12, 14), (28, 'Wisconsin Avenue', 'Chevy Chase', 'MD', 20815, '23', 'Completed', 45, 9, 20, 37), (29, 'West Patrick')
Chase', 'MD', 20815, '23', 'Completed', 45, 9, 20, 37), (29, 'West Patrick Street', 'Frederick', 'MD', 21701, '4', 'Completed', 29, 9, 25, 25), (30, 'Charles Street', 'La
 Plata', 'MD', 20646, '22', 'Completed', 58, 9, 25, 1), (31, 'Greenbelt
Road', 'Greenbelt', 'MD', 20770, '14', 'Completed', 50, 9, 26, 20), (32, 'Frederick Road', 'Germantown', 'MD', 20874, '13', 'Completed', 39, 9, 27, 29), (33, 'Saint Paul Street', 'Baltimore', 'MD', 21218, '5', 'Completed', 35, 9, 28, 4), (34, 'Duke Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 22314, '15', 'Completed', 36, 9, 29, 6), (35, 'Ritchie Street', 'Alexandria', 'MD', 20, 'MD', 'MD', 20, 'MD', 'M
Highway', 'Glen Burnie', 'MD', 21061, '16', 'Completed', 51, 9, 30, 15), (36, 'Duke of
 Gloucester Street', 'Annapolis', 'MD', 21401, '21', 'Completed', 57, 4, 33, 39), (37, '624 N 5
 St','Denver','CO',80217,'22','Completed',64,4,32,16),(38,'2342 w hamilton st apt 1A','Denver','CO',20159,'12','Completed',51,4,3,35),(39,'440 S 18th
 Street', 'Denver', 'CO', 20159, '10', 'Completed', 41, 4, 1, 11);
 /*!40000 ALTER TABLE `delivery` ENABLE KEYS */;
UNLOCK TABLES;
 -- Table structure for table `delivery_agent`
 DROP TABLE IF EXISTS `delivery_agent`;
 /*!40101 SET @saved_cs_client
                                                                                              = @@character set client */;
 /*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `delivery_agent` (
         Delivery_AgentID` int NOT NULL AUTO_INCREMENT,
       `Agent_Rating` decimal(10,0) NOT NULL,
       `Agent_FirstName` varchar(45) NOT NULL,
        `Agent_LastName` varchar(45) NOT NULL,
        `Agent_Phone` varchar(45) NOT NULL,
      PRIMARY KEY (`Delivery_AgentID`)
 ) ENGINE=InnoDB AUTO_INCREMENT=41 DEFAULT CHARSET=utf8mb3;
 /*!40101 SET character_set_client = @saved_cs_client */;
 -- Dumping data for table `delivery_agent`
 LOCK TABLES `delivery_agent` WRITE;
 /*!40000 ALTER TABLE `delivery_agent` DISABLE KEYS */;
INSERT INTO `delivery_agent` VALUES (1,3,'Julietta','Setchfield','(235) 876-5443'), (2,3,'Roch','Symson','(235) 876-5451'),(3,3,'Audry','Fann','(235) 876-5459'), (4,5,'Cecelia','Cisar','(235) 876-5467'),(5,5,'Clari','Voas','(235) 876-5475'), (6,3,'Zach','Hedman','(235) 876-5483'),(7,1,'Paxon','Roomes','(235) 876-5491'),
 (8,2,'Parnell','Lamprey','(235) 876-5499'),(9,4,'Honey','Gosdin','(235) 876-5507'),
```

```
(10,2,'Sonny','McCart','(235) 876-5515'),(11,3,'Rozamond','Turtle','(235) 876-
5523'),(12,4,'Deirdre','Burgoine','(235) 876-5531'),(13,5,'Haleigh','Lee','(235)
876-5539'),(14,5,'Aldridge','Poskitt','(235) 876-5547'),
(15,5,'Zechariah','McReidy','(235) 876-5555'),(16,5,'Carry','Costi','(235) 876-
5563'),(17,5,'Alon','Rickman','(235) 876-5571'),(18,4,'Ahmed','Pickthorne','(235)
876-5579'),(19,3,'Nil','Shirer','(235) 876-5587'),
(20,2,'Erhard','0\'Moylane','(235) 876-5595'),(21,2,'Vitia','Axtens','(235) 876-
5603'),(22,3,'Haskell','Moxted','(235) 876-5611'),(23,5,'Ebony','Conrad','(235)
876-5619'),(24,4,'Lincoln','Boler','(235) 876-5627'),
(25,4,'Vladimir','Westmerland','(235) 876-5635'),(26,3,'Kylynn','Drowsfield','(235)
876-5643'), (27,3, 'Nicole', 'Ruckhard', '(235) 876-5651'),
(28,3,'Celestina','Lethardy','(235) 876-5659'),(29,4,'Tannie','Petrakov','(235)
876-5667'), (30,3,'Bessy','Saladin','(235) 876-5675'), (31,2,'Diego','Van den
Broek', '(235) 876-5683'), (32,3, 'Lucilia', 'Minshall', '(235) 876-5691'),
(33,2,'Cissiee','Pollington','(235) 876-5699'),(34,1,'Eddy','Sturch','(235) 876-5707'),(35,1,'Caron','Kezar','(235) 876-5715'),(36,3,'Sandor','Stirland','(235) 876-5723'),(37,2,'Gallagher','Bromell','(235) 876-5731'),
(38,2,'Murial','Bulloch','(235) 876-5739'),(39,5,'Delinda','Ech','(235) 876-5747'),
(40,4,'Hussein','Tapenden','(235) 876-5755');
/*!40000 ALTER TABLE `delivery agent` ENABLE KEYS */;
UNLOCK TABLES;
-- Temporary view structure for view `delivery_agents_states`
DROP TABLE IF EXISTS `delivery_agents_states`;
/*!50001 DROP VIEW IF EXISTS `delivery_agents_states`*/;
                          = @@character_set_client;
SET @saved_cs_client
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `delivery_agents_states` AS SELECT
1 AS `Delivery_State`,
1 AS `total_agents`,
 1 AS `top_rated_agents`*/;
SET character_set_client = @saved_cs_client;
-- Table structure for table `discount`
DROP TABLE IF EXISTS `discount`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `discount` (
   `DiscountID` int NOT NULL AUTO_INCREMENT,
  `DiscountCode` varchar(45) NOT NULL,
  `Description` varchar(45) NOT NULL,
  PRIMARY KEY (`DiscountID`)
) ENGINE=InnoDB AUTO_INCREMENT=21 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character set client = @saved cs client */;
-- Dumping data for table `discount`
LOCK TABLES `discount` WRITE;
/*!40000 ALTER TABLE `discount` DISABLE KEYS */;
INSERT INTO `discount` VALUES (1, 'SALE20', '20% off'), (2, 'SPRING25', '25% off'),
(3, 'NEWCUSTOMER', '15% off first purchase'), (4, 'CLEARANCE40', '40% off clearance
```

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items'),(5,'MEMORIALDAY','30% off'),(6,'SUMMERDEAL','Buy one get one 50% off'),
(7, 'BACKTOSCHOOL', '15% off school supplies'), (8, 'FALLSALE', '$10 off orders over
$50'),(9,'WINTER20','20% off winter items'),(10,'HOLIDAYDEAL','Free shipping on
orders over $25'), (11, 'NEWYEARNEWYOU', '10% off health and wellness products'),
(12, 'SPRINGSAVINGS', '20% off beauty products'), (13, 'EARTHDAY', '15% off eco-friendly
products'),(14,'SUMMERSIZZLE','30% off automotive products'),(15,'BABYLOVE','$5 off
baby products'),(16,'FITNESSGOALS','10% off sports equipment'),(17,'PARTYTIME','20%
off party supplies'), (18, 'DIYPROJECTS', '15% off arts and crafts supplies'),
(19, 'HEALTHYSTART', '25% off vitamins and supplements'), (20, 'JEWELRYDEAL', '$15 off
jewelry orders over $75');
/*!40000 ALTER TABLE `discount` ENABLE KEYS */;
UNLOCK TABLES;
-- Temporary view structure for view `least_popular_categories`
DROP TABLE IF EXISTS `least_popular_categories`;
/*!50001 DROP VIEW IF EXISTS `least_popular_categories`*/;
                          = @@character set client;
SET @saved cs client
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `least_popular_categories` AS SELECT
 1 AS `CategoryID`,
1 AS `CategoryName`
 1 AS `Total_Amount`*/;
SET character_set_client = @saved_cs_client;
-- Table structure for table `order`
DROP TABLE IF EXISTS `order`;
/*!40101 SET @saved_cs_client
                                 = @@character set client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `order` (
  `OrderID` int NOT NULL AUTO INCREMENT,
  `Transaction_Amount` decimal(10,0) NOT NULL,
  `Transaction_Time_Stamp` datetime NOT NULL,
  `PaymentID` int NOT NULL,
  `CustomerID` int NOT NULL,
 PRIMARY KEY (`OrderID`),
KEY `PaymentID_fk_idx` (`PaymentID`),
KEY `CustomerID_fk_idx` (`CustomerID`),
  CONSTRAINT `CustomerID_fk` FOREIGN KEY (`CustomerID`) REFERENCES `customer`
(`CustomerID`),
  CONSTRAINT PaymentID_fk FOREIGN KEY ( PaymentID ) REFERENCES payment
(`PaymentID`)
) ENGINE=InnoDB AUTO_INCREMENT=41 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `order`
LOCK TABLES `order` WRITE;
/*!40000 ALTER TABLE `order` DISABLE KEYS */;
INSERT INTO `order` VALUES (1,50,'2011-11-23 13:23:00',4,9),(2,76,'2011-11-23
14:45:00',1,3),(3,13,'2011-12-23 01:02:00',6,11),(4,30,'2011-12-23 03:30:00',1,17),
(5,100, '2023-11-13\ 08:15:00',7,2), (6,26, '2023-11-13\ 11:20:45',2,16), (7,80, '2023-11-13)
```

```
14 16:40:30',1,1),(8,62,'2023-11-14 18:10:10',5,11),(9,45,'2023-11-15
02:30:00',3,10),(10,20,'2023-11-15 05:15:45',1,20),(11,42,'2023-11-16
10:00:30',7,7),(12,60,'2023-11-16 12:25:20',2,16),(13,15,'2023-11-17
17:15:10',1,11),(14,79,'2023-11-17 19:30:00',4,3),(15,65,'2023-11-18
04:50:45',5,5),(16,38,'2023-11-18 07:15:30',1,12),(17,22,'2023-11-19
12:30:20',6,3),(18,91,'2023-11-19 14:55:10',7,4),(19,50,'2023-11-20
20:00:00',6,17),(20,30,'2023-11-21 01:10:45',4,11),(21,100,'2023-11-21
03:40:30',3,32),(22,50,'2023-11-22 08:20:20',2,31),(23,150,'2023-11-22 11:00:10',5,48),(24,90,'2023-11-23 16:15:00',4,47),(25,40,'2023-11-23 19:00:45',6,35),(26,130,'2023-11-24 00:30:30',1,44),(27,80,'2023-11-24
03:20:20',7,3),(28,30,'2023-11-25 09:45:10',1,30),(29,30,'2023-11-25
12:10:00',2,38),(30,150,'2023-11-26 17:30:45',3,49),(31,20,'2023-11-26
19:55:30',4,33),(32,150,'2023-11-27 01:10:20',5,34),(33,60,'2023-11-27
04:00:10',6,42), (34,100,'2023-11-28 09:20:00',7,44), (35,120,'2023-11-28
11:50:45',1,3), (36,40,'2023-11-29 16:40:30',3,46), (37,80,'2023-11-29
19:30:20',2,45),(38,20,'2023-11-30 02:45:10',5,41),(39,70,'2023-11-30
05:30:00',4,44),(40,30,'2012-01-23 10:45:00',6,49);
/*!40000 ALTER TABLE `order` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `order_has_product`
DROP TABLE IF EXISTS `order_has_product`;
/*!40101 SET @saved_cs_client
                                   = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `order_has_product` (
   `OrderID` int NOT NULL,
  `ProductID` int NOT NULL,
  `Quantity` int NOT NULL,
  PRIMARY KEY (`OrderID`, `ProductID`),
  KEY `fk_Order_has_Product_Product1_idx` (`ProductID`),
  KEY `fk_Order_has_Product_Order1_idx` (`OrderID`),
  CONSTRAINT `fk_Order_has_Product_Order1` FOREIGN KEY (`OrderID`) REFERENCES
`order` (`OrderID`),
  CONSTRAINT `fk_Order_has_Product_Product1` FOREIGN KEY (`ProductID`) REFERENCES
`product` (`ProductID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `order_has_product`
LOCK TABLES `order_has_product` WRITE;
/*!40000 ALTER TABLE `order_has_product` DISABLE KEYS */;
INSERT INTO `order_has_product` VALUES (1,2,17), (1,3,2), (2,2,22), (2,3,1), (2,5,50),
(2,8,45),(2,9,1),(2,19,43),(2,28,10),(3,33,12),(4,2,48),(4,5,10),(5,2,13),(5,5,2),
(5,6,14),(5,8,36),(5,17,2),(5,27,16),(5,39,11),(5,51,9),(6,7,1),(6,37,24),(7,7,3),
(7,40,7),(8,11,7),(8,23,46),(8,41,14),(8,50,1),(9,15,8),(9,24,20),(9,28,19),
(10, 14, 15), (11, 7, 28), (11, 16, 2), (12, 52, 8), (13, 1, 3), (13, 8, 34), (14, 5, 15), (14, 10, 3),
(15, 12, 4), (15, 20, 52), (16, 13, 7), (16, 27, 4), (17, 10, 1), (17, 48, 9), (18, 23, 8), (19, 2, 32),
(19,3,2),(19,5,41),(19,8,2),(19,32,2),(20,29,23),(20,59,5),(21,31,7),(22,60,3),
(23, 46, 7), (24, 53, 5), (25, 18, 29), (25, 20, 40), (25, 49, 13), (25, 58, 4), (26, 56, 1), (27, 2, 42),
(27,8,11),(27,21,8),(27,23,5),(27,34,10),(28,57,6),(29,19,26),(29,23,14),(29,36,8),
(30, 42, 6), (30, 54, 10), (31, 43, 8), (31, 61, 47), (32, 45, 2), (33, 30, 11), (34, 47, 4), (35, 25, 6),
(35, 27, 27), (35, 55, 3), (36, 24, 49), (36, 38, 2), (37, 44, 5), (38, 31, 2), (39, 23, 9), (39, 26, 33),
(39, 29, 1), (39, 35, 6), (40, 4, 35), (40, 25, 30), (40, 29, 31), (40, 30, 7);
```

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/*!40000 ALTER TABLE `order_has_product` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `payment`
DROP TABLE IF EXISTS `payment`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `payment` (
  `PaymentID` int NOT NULL AUTO_INCREMENT,
  `PaymentMethod` varchar(45) NOT NULL,
  PRIMARY KEY (`PaymentID`),
  UNIQUE KEY `PaymentMethod_UNIQUE` (`PaymentMethod`)
) ENGINE=InnoDB AUTO_INCREMENT=8 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `payment`
LOCK TABLES `payment` WRITE;
/*!40000 ALTER TABLE `payment` DISABLE KEYS */;
INSERT INTO `payment` VALUES (2, 'Apple Pay'), (1, 'Card'), (5, 'Cashapp'), (3, 'Google
Pay'), (6, 'PayPal'), (7, 'Samsung Pay'), (4, 'Venmo');
/*!40000 ALTER TABLE `payment` ENABLE KEYS */;
UNLOCK TABLES;
-- Temporary view structure for view `payment_methods`
DROP TABLE IF EXISTS `payment_methods`;
/*!50001 DROP VIEW IF EXISTS `payment methods`*/;
                         = @@character set client;
SET @saved cs client
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `payment_methods` AS SELECT
1 AS `PaymentMethod`,
1 AS `Total customers`*/;
SET character_set_client = @saved_cs_client;
-- Table structure for table `product`
DROP TABLE IF EXISTS `product`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `product` (
  `ProductID` int NOT NULL AUTO_INCREMENT,
  `Description` varchar(45) NOT NULL,
  `DiscountID` int DEFAULT NULL,
  `CategoryID` int NOT NULL,
  PRIMARY KEY (`ProductID`),
  KEY `fk_Product_Discount1_idx` (`DiscountID`),
  KEY `CategoryID_FK_idx` (`CategoryID`),
  CONSTRAINT `CategoryID_FK` FOREIGN KEY (`CategoryID`) REFERENCES
`product_category` (`CategoryID`),
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CONSTRAINT `fk_Product_Discount1` FOREIGN KEY (`DiscountID`) REFERENCES
`discount` (`DiscountID`)
) ENGINE=InnoDB AUTO_INCREMENT=62 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `product`
LOCK TABLES `product` WRITE;
/*!40000 ALTER TABLE `product` DISABLE KEYS */;
INSERT INTO `product` VALUES (1, 'Apples',1,1),(2, 'Bananas',1,1),(3, 'Bread', NULL,1),
(4, 'Milk',2,2), (5, 'Cola', NULL,2), (6, 'Water',2,2), (7, 'Toothbrush',3,3),
(8, 'Shampoo', NULL, 3), (9, 'Soap', NULL, 3), (10, 'Dish soap', NULL, 4), (11, 'Laundry
detergent', 5, 4), (12, 'Glass cleaner', 5, 4), (13, 'Pens', 6, 5), (14, 'Paper clips', NULL, 5),
(15, 'Sticky notes', 6, 5), (16, 'Smartwatch', NULL, 6), (17, 'Bluetooth speaker', 7, 6),
(18, 'Headphones', NULL, 6), (19, 'T-shirt', NULL, 7), (20, 'Jeans', 8, 7),
(21, 'Socks', NULL, 7), (23, 'Pillow', 9, 8), (24, 'Table lamp', NULL, 8), (25, 'Cat
food', NULL, 9), (26, 'Dog toys', 9, 9), (27, 'Bird cage', NULL, 9), (28, 'Action
figure', 10, 10), (29, 'Board game', NULL, 10), (30, 'Puzzle', NULL, 10),
(31, 'Hammer', NULL, 11), (32, 'Screwdriver', 11, 11), (33, 'Nails', 11, 11),
(34, 'Lipstick', NULL, 12), (35, 'Eyeshadow palette', 12, 12), (36, 'Blush', NULL, 12), (37, 'Garden hose', NULL, 13), (38, 'Lawn fertilizer', 13, 13), (39, 'Gardening
gloves', NULL, 13), (40, 'Motor oil', 14, 14), (41, 'Car wax', 14, 14), (42, 'Windshield
wipers', NULL, 14), (43, 'Baby shampoo', NULL, 15), (44, 'Diapers', 15, 15), (45, 'Baby
wipes', NULL, 15), (46, 'Yoga mat', NULL, 16), (47, 'Running shoes', NULL, 16), (48, 'Tennis
racket',16,16),(49,'Soccer ball',NULL,16),(50,'Balloons',17,17),(51,'Party
hats', NULL, 17), (52, 'Confetti', NULL, 17), (53, 'Yarn', 18, 18), (54, 'Glue', NULL, 18),
(55, 'Paintbrushes', NULL, 18), (56, 'Vitamins', 19, 19), (57, 'Protein powder', 19, 19), (58, 'Essential oils', 20, 19), (59, 'Bracelet', NULL, 20), (60, 'Watch', NULL, 20),
(61, 'Earrings', NULL, 20);
/*!40000 ALTER TABLE `product` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `product_category`
DROP TABLE IF EXISTS `product_category`;
/*!40101 SET @saved_cs_client
                                        = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `product_category` (
    `CategoryID` int NOT NULL AUTO_INCREMENT,
   `CategoryName` varchar(45) NOT NULL,
  PRIMARY KEY (`CategoryID`),
  UNIQUE KEY `CategoryName_UNIQUE` (`CategoryName`)
) ENGINE=InnoDB AUTO_INCREMENT=21 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `product_category`
LOCK TABLES `product_category` WRITE;
/*!40000 ALTER TABLE `product_category` DISABLE KEYS */;
INSERT INTO `product_category` VALUES (14,'Automotive'),(15,'Baby Products'),
(12,'Beauty'),(2,'Beverages'),(4,'Cleaning'),(7,'Clothing'),(18,'Craft Supplies'),
(6, 'Electronics'), (13, 'Garden Supplies'), (1, 'Groceries'), (11, 'Hardware'),
(19, 'Health & Wellness'), (8, 'Home Decor'), (20, 'Jewelry & Watches'), (5, 'Office
```

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Supplies'), (17, 'Party Supplies'), (3, 'Personal Care'), (9, 'Pet Supplies'), (16, 'Sports
& Outdoors'),(10,'Toys');
/*!40000 ALTER TABLE `product_category` ENABLE KEYS */;
UNLOCK TABLES;
-- Temporary view structure for view `product_quantities`
DROP TABLE IF EXISTS `product_quantities`;
/*!50001 DROP VIEW IF EXISTS `product_quantities`*/;
SET @saved_cs_client
                         = @@character_set_client;
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `product_quantities` AS SELECT
1 AS `Number_of_undiscounted_products`,
1 AS `Number_of_discounted_products`*/;
SET character_set_client = @saved_cs_client;
-- Temporary view structure for view `states_delayed_deliveries`
DROP TABLE IF EXISTS `states_delayed_deliveries`;
/*!50001 DROP VIEW IF EXISTS `states_delayed_deliveries`*/;
SET @saved_cs_client
                         = @@character_set_client;
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `states_delayed_deliveries` AS SELECT
1 AS `Delivery_State`
1 AS `no_of_delayed_deliveries`*/;
SET character_set_client = @saved_cs_client;
-- Table structure for table `store`
DROP TABLE IF EXISTS `store`;
                               = @@character_set_client */;
/*!40101 SET @saved_cs_client
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `store` (
  `StoreID` int NOT NULL AUTO_INCREMENT,
  `Store_Name` varchar(45) NOT NULL,
  `Store Street` varchar(45) NOT NULL,
  `Store_City` varchar(45) NOT NULL,
  `Store_State` varchar(45) NOT NULL,
  `Store_Pin_Code` int NOT NULL,
  `Store_Contact_Number` varchar(45) NOT NULL,
  PRIMARY KEY (`StoreID`),
  UNIQUE KEY `Store Name_UNIQUE` (`Store_Name`)
) ENGINE=InnoDB AUTO_INCREMENT=21 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character set client = @saved cs client */;
-- Dumping data for table `store`
LOCK TABLES `store` WRITE;
/*!40000 ALTER TABLE `store` DISABLE KEYS */;
INSERT INTO `store` VALUES (1, 'Target', '123 Main St', 'Arcanum', 'OH', 45304, '(201)
555-0123'), (2, 'Walmart', '456 Elm St', 'La Casita-Garciasville', 'TX', 78557, '(310)
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555-4567'),(3,'Home Depot','789 Maple Ave','Union Grove','WI',53182,'(407) 555-
8910'),(4,'Best Buy','1010 Oak Rd','Puyallup','WA',98372,'(503) 555-1234'),
(5,'Lowe\'s','1111 Pine Dr','Milwaukee','WI',53225,'(212) 555-6789'),
(6,'Macy\'s','1313 Birch Ln','Pacific Palisades','CA',90272,'(312) 555-9012'),
 (7, 'Costco', '1515 Cedar Blvd', 'Ivanhoe', 'TX', 75447, '(480) 555-3456'), (8, 'Whole
Foods', '1717 Spruce St', 'Franklin', 'KY', 42134, '(305) 555-7890'), (9, 'Patel Brother\'s', '1919 Walnut Ave', 'Atlanta', 'GA', 30307, '(617) 555-2345'), (10, 'Bed Bath & Beyond', '2121 Magnolia Dr', 'Fremont', 'CA', 94538, '(713) 555-6789'), (11, 'CVS', '2323 Cherry Ln', 'Cockeysville', 'MD', 21030, '(917) 555-0123'), (12, 'Michael\'s', '2525 Willow Way', 'Overland Park', 'KS', 66210, '(415) 555-4567'), (13, 'ALDI', '2727 Cypress Cir', 'Vancouver', 'WA', 98682, '(202) 555-8910'), (14, 'Lidl', '2929 Cedar St', 'Bryan', 'TY', 77807, '(214) 555-4324'), '15 'Sefergy', '2324 Streep Control of the cont
 St', 'Bryan', 'TX', 77807, '(214) 555-1234'), (15, 'Safeway', '3131 Elmwood
 Ave','Killeen','TX',76544,'(301) 555-6789'),(16,'Sephora','3333 Maplewood
Dr', 'Warminster', 'PA', 18974, '(703) 555-9012'), (17, '7-Eleven', '3535 Nakhurst Blvd', 'Colorado Springs', 'CO', 80922, '(972) 555-3456'), (18, 'Petco', '3737 Pinecrest Dr', 'Redwood City', 'CA', 94063, '(404) 555-7890'), (19, 'Walgreens', '3939 Birchwood Ln', 'Bothell', 'WA', 98011, '(206) 555-2345'), (20, 'Farmer\'s Market', '4330 Hartwick Road', 'College Park', 'MD', 20740, '(242) 475-6744');
 /*!40000 ALTER TABLE `store` ENABLE KEYS */;
UNLOCK TABLES;
 -- Table structure for table `store_has_product`
 DROP TABLE IF EXISTS `store_has_product`;
 /*!40101 SET @saved_cs_client
                                                                         = @@character_set_client */;
 /*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `store_has_product` (
  `ProductID` int NOT NULL,
      `StoreID` int NOT NULL,
     `StockCount` int NOT NULL,
     `LastStockTimestamp` datetime NOT NULL,
     PRIMARY KEY (`ProductID`, `StoreID`),
     KEY `fk_Product_has_store_Store1_idx` (`StoreID`),
     CONSTRAINT `fk_Product_has_store_Store1` FOREIGN KEY (`StoreID`) REFERENCES
  `store` (`StoreID`),
     CONSTRAINT `fk_table1_Product1` FOREIGN KEY (`ProductID`) REFERENCES `product`
 (`ProductID`)
 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
 /*!40101 SET character_set_client = @saved_cs_client */;
 -- Dumping data for table `store_has_product`
 LOCK TABLES `store_has_product` WRITE;
 /*!40000 ALTER TABLE `store_has_product` DISABLE KEYS */;
 INSERT INTO `store_has_product` VALUES (1,1,100,'2023-05-01 09:00:00'),
 (1,2,150,'2023-05-01 10:45:00'),(1,13,5,'2023-01-10 05:20:00'),(2,1,200,'2023-05-02
 11:30:00'), (3,1,50,'2023-05-03 13:15:00'), (3,3,100,'2023-05-01 08:00:00'),
 (4,2,75,'2023-05-02 14:00:00'),(4,4,200,'2023-05-01 14:30:00'),(5,2,300,'2023-05-03
 16:30:00'), (5,5,100, '2023-05-01 12:15:00'), (5,11,30, '2022-07-19 08:34:00'),
 (6,3,50,'2023-05-02 09:45:00'),(6,6,150,'2023-05-01 09:45:00'),(7,3,200,'2023-05-03
 11:15:00'),(7,7,75,'2023-05-01 10:00:00'),(8,4,150,'2023-05-02 16:00:00'),(8,8,200,'2023-05-01 11:45:00'),(8,10,4,'2022-11-01 10:56:00'),(9,4,75,'2023-05-03
 17:45:00'),(9,9,100,'2023-05-01 08:30:00'),(9,10,2,'2022-10-31 13:05:00'),
 (10,5,200,'2023-05-02 13:30:00'),(11,5,50,'2023-05-03 15:00:00'),(12,6,100,'2023-
 05-02 11:00:00'),(13,6,200,'2023-05-03 13:45:00'),(14,7,100,'2023-05-02 12:30:00'),
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(15,7,150,'2023-05-03 14:15:00'),(15,12,32,'2022-10-04 13:49:00'),(16,8,75,'2023-
05-02 14:00:00'), (17,8,100,'2023-05-03 16:30:00'), (17,14,10,'2022-08-29 09:27:00'),
(18, 9, 50, '2023-05-02 09:45:00'), (19, 12, 15, '2022-12-18 22:06:00'), (20, 15, 100, '2023-
05-02 10:30:00'),(21,16,50,'2023-05-01 09:45:00'),(23,10,14,'2022-08-14 09:47:00'),
(24,11,12,'2022-11-11 16:45:00'),(25,17,75,'2023-05-03 11:15:00'),(26,11,6,'2022-
10-15 19:33:00'),(27,18,200,'2023-05-04 14:20:00'),(28,13,7,'2022-10-13 09:14:00'),
(29,14,8,'2022-12-30 15:44:00'),(30,19,30,'2023-05-02 15:10:00'),(31,13,25,'2022-
07-24 14:33:00'),(32,15,150,'2023-05-04 12:30:00'),(33,16,80,'2023-05-03
13:45:00'),(34,17,100,'2023-05-03 14:30:00'),(35,14,16,'2022-11-08 12:13:00'),(36,14,21,'2023-03-02 18:58:00'),(37,12,9,'2022-08-30 17:51:00'),(38,18,50,'2023-
05-02 09:00:00'), (39,19,25,'2023-05-01 16:20:00'), (40,15,60,'2023-05-03 08:30:00'),
(41,16,90,'2023-05-02 17:45:00'),(42,17,30,'2023-05-01 11:30:00'),(43,12,18,'2022-
11-30 11:28:00'), (44,15,25,'2023-05-02 13:00:00'), (45,13,16,'2023-04-09 22:42:00'),
(46, 18, 120, '2023-05-04 09:00:00'), (47, 19, 40, '2023-05-03 16:15:00'), (48, 12, 11, '2023-
03-19 08:40:00'),(49,10,17,'2022-09-27 14:22:00'),(50,11,23,'2022-08-08 21:17:00'),
(51, 16, 70, '2023-05-01 14:45:00'), (52, 17, 55, '2023-05-03 12:30:00'), (53, 18, 100, '2023-
05-04 08:00:00'),(54,19,45,'2023-05-02 14:00:00'),(55,15,80,'2023-05-01 12:30:00'),
(56, 16, 35, '2023-05-03 15:45:00'), (57, 10, 22, '2023-02-02 18:09:00'), (58, 13, 13, '2022-
09-01 16:08:00'),(59,17,65,'2023-05-02 10:30:00'),(60,18,20,'2023-05-04 11:00:00'),
(60, 20, 15, '2023-05-04 14:30:00'), (61, 20, 10, '2023-05-04 14:30:00');
/*!40000 ALTER TABLE `store_has_product` ENABLE KEYS */;
UNLOCK TABLES;
-- Temporary view structure for view `top_sales_stores`
DROP TABLE IF EXISTS `top_sales_stores`;
/*!50001 DROP VIEW IF EXISTS `top_sales_stores`*/;
                           = @@character_set_client;
SET @saved_cs_client
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `top_sales_stores` AS SELECT
 1 AS `Store_Name`,
 1 AS `Store_City`,
1 AS `Store_State`,
1 AS `Total_Amount`*/;
SET character_set_client = @saved_cs_client;
-- Final view structure for view `delayed_deliveries`
/*!50001 DROP VIEW IF EXISTS `delayed_deliveries`*/;
/*!50001 SET @saved_cs_client
                                          = @@character_set_client */;
                                          = @@character_set_results */;
/*!50001 SET @saved_cs_results
/*!50001 SET @saved_col_connection
                                          = @@collation_connection */;
/*!50001 SET character_set_client
                                          = utf8mb4 */;
/*!50001 SET character_set_results
                                          = utf8mb4 */;
/*!50001 SET collation_connection
                                          = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `delayed_deliveries` AS select count(distinct `a`.`DeliveryID`) AS
`no_of_delayed_deliveries` from (select `delivery`.`DeliveryID` AS
`DeliveryID`, `delivery`.`EstimatedDeliveryTime_mins` AS
`EstimatedDeliveryTime_mins`,`delivery`.`Delivery_Status` AS `Delivery_Status` from `delivery` where (`delivery`.`Delivery_Status` = 'Completed')) `a` where
(`a`.`EstimatedDeliveryTime_mins` > (select
truncate(avg(`delivery`.`EstimatedDeliveryTime_mins`),2) AS `Avg_ETA` from
`delivery`)) */;
```

```
/*!50001 SET character_set_client
                                              = @saved_cs_client */;
/*!50001 SET character_set_client
/*!50001 SET character_set_results
/*!50001 SET collation_connection
                                              = @saved_cs_results */;
/*!50001 SET collation_connection
                                              = @saved_col_connection */;
-- Final view structure for view `delivery_agents_states`
/*!50001 DROP VIEW IF EXISTS `delivery_agents_states`*/;
/*!50001 SET @saved_cs_client
                                             = @@character_set_client */;
/*!50001 SET @saved_cs_results
                                              = @@character_set_results */;
/*!50001 SET @saved_col_connection
                                            = @@collation_connection */;
/*!50001 SET character set client
                                              = utf8mb4 */;
                                              = utf8mb4 */;
/*!50001 SET character_set_results
/*!50001 SET collation_connection
                                              = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `delivery_agents_states` AS select `a`.`Delivery_State` AS
`Delivery_State`,count(distinct `b`.`Delivery_AgentID`) AS `total_agents`,(select
count(distinct `b2`.`Delivery_AgentID`) from (`delivery` `a2` join (select
`b2`.`Delivery_AgentID` AS `Delivery_AgentID` from `delivery_agent```b2` where
(`b2`.`Agent_Rating` = (select max(`delivery_agent`.`Agent_Rating`) from
`delivery_agent`))) `b2` on((`a2`.`Delivery_AgentID` = `b2`.`Delivery_AgentID`)))
where (`a2`.`Delivery_State` = `a`.`Delivery_State`)) AS `top_rated_agents` from
(`delivery` `a` join `delivery_agent` `b` on((`a`.`Delivery_AgentID` =
 b`.`Delivery_AgentID`))) group by `a`.`Delivery_State` order by `total_agents`
desc */;
= @saved_cs_results */;
                                              = @saved_col_connection */;
-- Final view structure for view `least_popular_categories`
/*!50001 DROP VIEW IF EXISTS `least_popular_categories`*/;
/*!50001 SET @saved_cs_client
                                             = @@character_set_client */;
/*!50001 SET @saved_cs_results
                                              = @@character_set_results */;
/*!50001 SET @saved_col_connection
                                            = @@collation_connection */;
/*!50001 SET character_set_client
                                              = utf8mb4 */;
                                              = utf8mb4 */;
/*!50001 SET character_set_results
                                              = utf8mb4_0900_ai_ci */;
/*!50001 SET collation_connection
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `least_popular_categories` AS select `d`.`CategoryID` AS
`CategoryID`, `d`.`CategoryName` AS `CategoryName`, sum(`a`.`Transaction_Amount`) AS
`Total_Amount` from (((`order` `a` join `order_has_product` `b` on((`a`.`OrderID` = `b`.`OrderID`))) join `product` `c` on((`b`.`ProductID` = `c`.`ProductID`))) join `product_category` `d` on((`c`.`CategoryID` = `d`.`CategoryID`))) group by `d`.`CategoryID`, `d`.`CategoryName` order by `Total_Amount` */;
                                           = @saved_cs_client */;
/*!50001 SET character_set_client
/*!50001 SET character_set_results
                                            = @saved_cs_results */;
                                           = @saved_col_connection */;
/*!50001 SET collation connection
-- Final view structure for view `payment_methods`
/*!50001 DROP VIEW IF EXISTS `payment_methods`*/;
```

```
/*!50001 SET @saved_cs_client
                                            = @@character_set_client */;
                                            = @@character_set_results */;
/*!50001 SET @saved_cs_results
/*!50001 SET @saved_col_connection
                                            = @@collation_connection */;
/*!50001 SET character_set_client
                                            = utf8mb4 */;
/*!50001 SET character_set_results
                                            = utf8mb4 */;
/*!50001 SET collation connection
                                            = utf8mb4 0900 ai ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `payment_methods` AS select `b`.`PaymentMethod` AS
`PaymentMethod`,count(distinct `c`.`CustomerID`) AS `Total_customers` from
((`order` `a` join `payment` `b` on((`a`.`PaymentID` = `b`.`PaymentID`))) join
customer` `c` on((`a`.`CustomerID` = `c`.`CustomerID`))) group by
`b`.`PaymentMethod` order by `Total_customers` desc */;
/*!50001 SET character_set_results = @saved_cs_results /*!50001 SET character_set_results = @saved_col_connection */;
-- Final view structure for view `product_quantities`
/*!50001 DROP VIEW IF EXISTS `product_quantities`*/;
                                           = @@character_set_client */;
/*!50001 SET @saved_cs_client
/*!50001 SET @saved_cs_results
                                            = @@character_set_results */;
/*!50001 SET @saved_col_connection
                                            = @@collation_connection */;
/*!50001 SET character_set_client
                                            = utf8mb4 */;
                                            = utf8mb4 */;
/*!50001 SET character_set_results
/*!50001 SET collation_connection
                                            = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001\ VIEW\ `product_quantities`\ AS\ select\ sum((case\ when\ (`c`.`DiscountID`\ is
null) then `a`. `Quantity` end)) AS `Number_of_undiscounted_products`,sum((case when
(`c`.`DiscountID` is not null) then `a`.`Quantity` end)) AS
`Number_of_discounted_products` from ((`order_has_product` `a` join `product` `b`
on((`a`.`ProductID` = `b`.`ProductID`))) left join `discount` `c`
on((`b`.`DiscountID` = `c`.`DiscountID`))) */;
/*!50001 SET character_set_client = @saved_cs_client */;
                                          = @saved_cs_results */;
/*!50001 SET character_set_results
                                         = @saved_col_connection */;
/*!50001 SET collation_connection
-- Final view structure for view `states_delayed_deliveries`
/*!50001 DROP VIEW IF EXISTS `states_delayed_deliveries`*/;
/*!50001 SET @saved_cs_client
                                            = @@character_set_client */;
/*!50001 SET @saved_cs_results
                                            = @@character_set_results */;
/*!50001 SET @saved_col_connection
                                            = @@collation_connection */;
/*!50001 SET character_set_client
                                            = utf8mb4 */;
                                            = utf8mb4 */;
/*!50001 SET character_set_results
/*!50001 SET collation_connection
                                            = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SOL SECURITY DEFINER */
/*!50001 VIEW `states_delayed_deliveries` AS select `a`.`Delivery_State` AS
`Delivery_State`,count(distinct `a`.`DeliveryID`) AS `no_of_delayed_deliveries` from (select `delivery`.`DeliveryID` AS `DeliveryID`, `delivery`.`EstimatedDeliveryTime_mins` AS
`EstimatedDeliveryTime_mins`,`delivery`.`Delivery_State` AS `Delivery_State` from
`delivery` where (`delivery`.`Delivery_Status` = 'Completed')) `a` where
```

```
(`a`.`EstimatedDeliveryTime_mins` > (select
truncate(avg(`delivery`.`EstimatedDeliveryTime_mins`),2) AS `Avg_ETA` from `delivery`)) group by `a`.`Delivery_State` order by `no_of_delayed_deliveries` desc
/*!50001 SET character_set_client
                                            = @saved_cs_client */;
/*!50001 SET character_set_results
                                            = @saved cs results */;
/*!50001 SET collation_connection
                                            = @saved_col_connection */;
-- Final view structure for view `top_sales_stores`
/*!50001 DROP VIEW IF EXISTS `top_sales_stores`*/;
/*!50001 SET @saved_cs_client
                                           = @@character_set_client */;
/*!50001 SET @saved_cs_results
                                            = @@character_set_results */;
/*!50001 SET @saved_col_connection
                                            = @@collation_connection */;
/*!50001 SET character_set_client
                                            = utf8mb4 */;
/*!50001 SET character_set_results
                                            = utf8mb4 */;
/*!50001 SET collation_connection
                                            = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `top_sales_stores` AS select `e`.`Store_Name` AS `Store_Name`, `e`.`Store_City` AS `Store_City`, `e`.`Store_State` AS
`Store_State`,sum(`a`.`Transaction_Amount`) AS `Total_Amount` from ((((`order` `a` join `order_has_product` `b` on((`a`.`OrderID` = `b`.`OrderID`))) join `product`
 `c` on((`b`.`ProductID` = `c`.`ProductID`)))        join `store_has_product` `d`
on((`c`.`ProductID` = `d`.`ProductID`))) join `store` `e` on((`d`.`StoreID` =
`e`.`StoreID`))) group by `e`.`Store_Name`, `e`.`Store_City`, `e`.`Store_State` order by `Total_Amount` desc */;
/*!50001 SET character_set_client
                                            = @saved_cs_client */;
/*!50001 SET character_set_results
                                            = @saved_cs_results */;
                                            = @saved_col_connection */;
/*!50001 SET collation_connection
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;
/*!40101 SET SOL MODE=@OLD SOL MODE */;
/*!40014 SET FOREIGN KEY CHECKS=@OLD FOREIGN KEY CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;
-- Dump completed on 2023-05-08 13:50:32
```