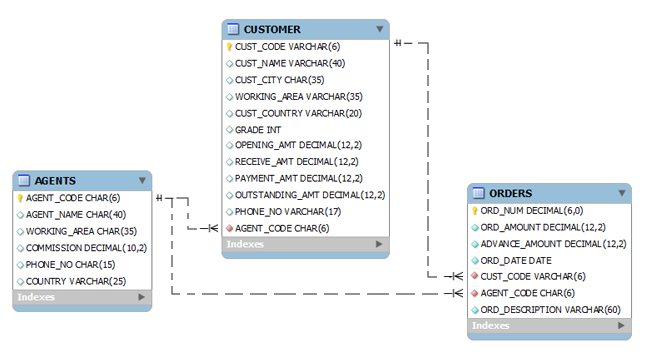
Fliipazon Retail is a multinational company that operates a chain of retail stores across different regions. They sell a wide range of products and want to analyse their sales data to gain insights into their business performance and make informed decisions. They have a relational database that stores the following data:

****

**—-------------------------------------—-------------------------------------—-----------------------------**

***Query for MySQL:***

*create database interview;*

*use interview;*

*CREATE TABLE IF NOT EXISTS `agents` (*

*`AGENT\_CODE` varchar(6) NOT NULL DEFAULT '',*

*`AGENT\_NAME` varchar(40) DEFAULT NULL,*

*`WORKING\_AREA` varchar(35) DEFAULT NULL,*

*`COMMISSION` decimal(10,2) DEFAULT NULL,*

*`PHONE\_NO` varchar(15) DEFAULT NULL,*

*`COUNTRY` varchar(25) DEFAULT NULL,*

*PRIMARY KEY (`AGENT\_CODE`)*

*) ENGINE=MyISAM DEFAULT CHARSET=latin1;*

*--*

*-- Dumping data for table `agents`*

*--*

*INSERT INTO `agents` (`AGENT\_CODE`, `AGENT\_NAME`, `WORKING\_AREA`, `COMMISSION`, `PHONE\_NO`, `COUNTRY`) VALUES*

*('A007 ', 'Ramasundar ', 'Bangalore ', '0.15', '077-25814763 ', '\r'),*

*('A003 ', 'Alex ', 'London ', '0.13', '075-12458969 ', '\r'),*

*('A008 ', 'Alford ', 'New York ', '0.12', '044-25874365 ', '\r'),*

*('A011 ', 'Ravi Kumar ', 'Bangalore ', '0.15', '077-45625874 ', '\r'),*

*('A010 ', 'Santakumar ', 'Chennai ', '0.14', '007-22388644 ', '\r'),*

*('A012 ', 'Lucida ', 'San Jose ', '0.12', '044-52981425 ', '\r'),*

*('A005 ', 'Anderson ', 'Brisban ', '0.13', '045-21447739 ', '\r'),*

*('A001 ', 'Subbarao ', 'Bangalore ', '0.14', '077-12346674 ', '\r'),*

*('A002 ', 'Mukesh ', 'Mumbai ', '0.11', '029-12358964 ', '\r'),*

*('A006 ', 'McDen ', 'London ', '0.15', '078-22255588 ', '\r'),*

*('A004 ', 'Ivan ', 'Torento ', '0.15', '008-22544166 ', '\r'),*

*('A009 ', 'Benjamin ', 'Hampshair ', '0.11', '008-22536178 ', '\r');*

*--*

*-- Table structure for table `customer`*

*--*

*CREATE TABLE IF NOT EXISTS `customer` (*

*`CUST\_CODE` varchar(6) NOT NULL,*

*`CUST\_NAME` varchar(40) NOT NULL,*

*`CUST\_CITY` varchar(35) DEFAULT NULL,*

*`WORKING\_AREA` varchar(35) NOT NULL,*

*`CUST\_COUNTRY` varchar(20) NOT NULL,*

*`GRADE` decimal(10,0) DEFAULT NULL,*

*`OPENING\_AMT` decimal(12,2) NOT NULL,*

*`RECEIVE\_AMT` decimal(12,2) NOT NULL,*

*`PAYMENT\_AMT` decimal(12,2) NOT NULL,*

*`OUTSTANDING\_AMT` decimal(12,2) NOT NULL,*

*`PHONE\_NO` varchar(17) NOT NULL,*

*`AGENT\_CODE` varchar(6) DEFAULT NULL,*

*KEY `CUSTCITY` (`CUST\_CITY`),*

*KEY `CUSTCITY\_COUNTRY` (`CUST\_CITY`,`CUST\_COUNTRY`)*

*) ENGINE=MyISAM DEFAULT CHARSET=latin1;*

*--*

*-- Dumping data for table `customer`*

*--*

*INSERT INTO `customer` (`CUST\_CODE`, `CUST\_NAME`, `CUST\_CITY`, `WORKING\_AREA`, `CUST\_COUNTRY`, `GRADE`, `OPENING\_AMT`, `RECEIVE\_AMT`, `PAYMENT\_AMT`, `OUTSTANDING\_AMT`, `PHONE\_NO`, `AGENT\_CODE`) VALUES*

*('C00013', 'Holmes', 'London ', 'London', 'UK', '2', '6000.00', '5000.00', '7000.00', '4000.00', 'BBBBBBB', 'A003 '),*

*('C00001', 'Micheal', 'New York ', 'New York', 'USA', '2', '3000.00', '5000.00', '2000.00', '6000.00', 'CCCCCCC', 'A008 '),*

*('C00020', 'Albert', 'New York ', 'New York', 'USA', '3', '5000.00', '7000.00', '6000.00', '6000.00', 'BBBBSBB', 'A008 '),*

*('C00025', 'Ravindran', 'Bangalore ', 'Bangalore', 'India', '2', '5000.00', '7000.00', '4000.00', '8000.00', 'AVAVAVA', 'A011 '),*

*('C00024', 'Cook', 'London ', 'London', 'UK', '2', '4000.00', '9000.00', '7000.00', '6000.00', 'FSDDSDF', 'A006 '),*

*('C00015', 'Stuart', 'London ', 'London', 'UK', '1', '6000.00', '8000.00', '3000.00', '11000.00', 'GFSGERS', 'A003 '),*

*('C00002', 'Bolt', 'New York ', 'New York', 'USA', '3', '5000.00', '7000.00', '9000.00', '3000.00', 'DDNRDRH', 'A008 '),*

*('C00018', 'Fleming', 'Brisban ', 'Brisban', 'Australia', '2', '7000.00', '7000.00', '9000.00', '5000.00', 'NHBGVFC', 'A005 '),*

*('C00021', 'Jacks', 'Brisban ', 'Brisban', 'Australia', '1', '7000.00', '7000.00', '7000.00', '7000.00', 'WERTGDF', 'A005 '),*

*('C00019', 'Yearannaidu', 'Chennai ', 'Chennai', 'India', '1', '8000.00', '7000.00', '7000.00', '8000.00', 'ZZZZBFV', 'A010 '),*

*('C00005', 'Sasikant', 'Mumbai ', 'Mumbai', 'India', '1', '7000.00', '11000.00', '7000.00', '11000.00', '147-25896312', 'A002 '),*

*('C00007', 'Ramanathan', 'Chennai ', 'Chennai', 'India', '1', '7000.00', '11000.00', '9000.00', '9000.00', 'GHRDWSD', 'A010 '),*

*('C00022', 'Avinash', 'Mumbai ', 'Mumbai', 'India', '2', '7000.00', '11000.00', '9000.00', '9000.00', '113-12345678', 'A002 '),*

*('C00004', 'Winston', 'Brisban ', 'Brisban', 'Australia', '1', '5000.00', '8000.00', '7000.00', '6000.00', 'AAAAAAA', 'A005 '),*

*('C00023', 'Karl', 'London ', 'London', 'UK', '0', '4000.00', '6000.00', '7000.00', '3000.00', 'AAAABAA', 'A006 '),*

*('C00006', 'Shilton', 'Torento ', 'Torento', 'Canada', '1', '10000.00', '7000.00', '6000.00', '11000.00', 'DDDDDDD', 'A004 '),*

*('C00010', 'Charles', 'Hampshair ', 'Hampshair', 'UK', '3', '6000.00', '4000.00', '5000.00', '5000.00', 'MMMMMMM', 'A009 '),*

*('C00017', 'Srinivas', 'Bangalore ', 'Bangalore', 'India', '2', '8000.00', '4000.00', '3000.00', '9000.00', 'AAAAAAB', 'A007 '),*

*('C00012', 'Steven', 'San Jose ', 'San Jose', 'USA', '1', '5000.00', '7000.00', '9000.00', '3000.00', 'KRFYGJK', 'A012 '),*

*('C00008', 'Karolina', 'Torento ', 'Torento', 'Canada', '1', '7000.00', '7000.00', '9000.00', '5000.00', 'HJKORED', 'A004 '),*

*('C00003', 'Martin', 'Torento ', 'Torento', 'Canada', '2', '8000.00', '7000.00', '7000.00', '8000.00', 'MJYURFD', 'A004 '),*

*('C00009', 'Ramesh', 'Mumbai ', 'Mumbai', 'India', '3', '8000.00', '7000.00', '3000.00', '12000.00', 'Phone No', 'A002 '),*

*('C00014', 'Rangarappa', 'Bangalore ', 'Bangalore', 'India', '2', '8000.00', '11000.00', '7000.00', '12000.00', 'AAAATGF', 'A001 '),*

*('C00016', 'Venkatpati', 'Bangalore ', 'Bangalore', 'India', '2', '8000.00', '11000.00', '7000.00', '12000.00', 'JRTVFDD', 'A007 '),*

*('C00011', 'Sundariya', 'Chennai ', 'Chennai', 'India', '3', '7000.00', '11000.00', '7000.00', '11000.00', 'PPHGRTS', 'A010 ');*

*-- Table structure for table `orders`*

*--*

*CREATE TABLE IF NOT EXISTS `orders` (*

*`ORD\_NUM` decimal(6,0) NOT NULL,*

*`ORD\_AMOUNT` decimal(12,2) NOT NULL,*

*`ADVANCE\_AMOUNT` decimal(12,2) NOT NULL,*

*`ORD\_DATE` date NOT NULL,*

*`CUST\_CODE` varchar(6) NOT NULL,*

*`AGENT\_CODE` varchar(6) NOT NULL,*

*`ORD\_DESCRIPTION` varchar(60) NOT NULL*

*) ENGINE=MyISAM DEFAULT CHARSET=latin1;*

*--*

*-- Dumping data for table `orders`*

*--*

*INSERT INTO `orders` (`ORD\_NUM`, `ORD\_AMOUNT`, `ADVANCE\_AMOUNT`, `ORD\_DATE`, `CUST\_CODE`, `AGENT\_CODE`, `ORD\_DESCRIPTION`) VALUES*

*('200100', '1000.00', '600.00', '2008-01-08', 'C00015', 'A003 ', 'SOD\r'),*

*('200110', '3000.00', '500.00', '2008-04-15', 'C00019', 'A010 ', 'SOD\r'),*

*('200107', '4500.00', '900.00', '2008-08-30', 'C00007', 'A010 ', 'SOD\r'),*

*('200112', '2000.00', '400.00', '2008-05-30', 'C00016', 'A007 ', 'SOD\r'),*

*('200113', '4000.00', '600.00', '2008-06-10', 'C00022', 'A002 ', 'SOD\r'),*

*('200102', '2000.00', '300.00', '2008-05-25', 'C00012', 'A012 ', 'SOD\r'),*

*('200114', '3500.00', '2000.00', '2008-08-15', 'C00002', 'A008 ', 'SOD\r'),*

*('200122', '2500.00', '400.00', '2008-09-16', 'C00003', 'A004 ', 'SOD\r'),*

*('200118', '500.00', '100.00', '2008-07-20', 'C00023', 'A006 ', 'SOD\r'),*

*('200119', '4000.00', '700.00', '2008-09-16', 'C00007', 'A010 ', 'SOD\r'),*

*('200121', '1500.00', '600.00', '2008-09-23', 'C00008', 'A004 ', 'SOD\r'),*

*('200130', '2500.00', '400.00', '2008-07-30', 'C00025', 'A011 ', 'SOD\r'),*

*('200134', '4200.00', '1800.00', '2008-09-25', 'C00004', 'A005 ', 'SOD\r'),*

*('200115', '2000.00', '1200.00', '2008-02-08', 'C00013', 'A013 ', 'SOD\r'),*

*('200108', '4000.00', '600.00', '2008-02-15', 'C00008', 'A004 ', 'SOD\r'),*

*('200103', '1500.00', '700.00', '2008-05-15', 'C00021', 'A005 ', 'SOD\r'),*

*('200105', '2500.00', '500.00', '2008-07-18', 'C00025', 'A011 ', 'SOD\r'),*

*('200109', '3500.00', '800.00', '2008-07-30', 'C00011', 'A010 ', 'SOD\r'),*

*('200101', '3000.00', '1000.00', '2008-07-15', 'C00001', 'A008 ', 'SOD\r'),*

*('200111', '1000.00', '300.00', '2008-07-10', 'C00020', 'A008 ', 'SOD\r'),*

*('200104', '1500.00', '500.00', '2008-03-13', 'C00006', 'A004 ', 'SOD\r'),*

*('200106', '2500.00', '700.00', '2008-04-20', 'C00005', 'A002 ', 'SOD\r'),*

*('200125', '2000.00', '600.00', '2008-10-10', 'C00018', 'A005 ', 'SOD\r'),*

*('200117', '800.00', '200.00', '2008-10-20', 'C00014', 'A001 ', 'SOD\r'),*

*('200123', '500.00', '100.00', '2008-09-16', 'C00022', 'A002 ', 'SOD\r'),*

*('200120', '500.00', '100.00', '2008-07-20', 'C00009', 'A002 ', 'SOD\r'),*

*('200116', '500.00', '100.00', '2008-07-13', 'C00010', 'A009 ', 'SOD\r'),*

*('200124', '500.00', '100.00', '2008-06-20', 'C00017', 'A007 ', 'SOD\r'),*

*('200126', '500.00', '100.00', '2008-06-24', 'C00022', 'A002 ', 'SOD\r'),*

*('200129', '2500.00', '500.00', '2008-07-20', 'C00024', 'A006 ', 'SOD\r'),*

*('200127', '2500.00', '400.00', '2008-07-20', 'C00015', 'A003 ', 'SOD\r'),*

*('200128', '3500.00', '1500.00', '2008-07-20', 'C00009', 'A002 ', 'SOD\r'),*

*('200135', '2000.00', '800.00', '2008-09-16', 'C00007', 'A010 ', 'SOD\r'),*

*('200131', '900.00', '150.00', '2008-08-26', 'C00012', 'A012 ', 'SOD\r'),*

*('200133', '1200.00', '400.00', '2008-06-29', 'C00009', 'A002 ', 'SOD\r'),*

*('200132', '4000.00', '2000.00', '2008-08-15', 'C00013', 'A013 ', 'SOD\r');*

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