

Database for SQL Analysis

```
create database commerce;  
use commerce;
```

```
CREATE TABLE AGENTSS
```

```
(  
    AGENT_CODE CHAR(6) NOT NULL PRIMARY KEY,  
    AGENT_NAME CHAR(40),  
    WORKING_AREA CHAR(35),  
    COMMISSION FLOAT,  
    PHONE_NO CHAR(15),  
    COUNTRY VARCHAR(25)  
);
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INSERT INTO AGENTSS VALUES ('A007', 'Ramasundar', 'Bangalore', '0.15', '077-25814763',  
");
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INSERT INTO AGENTSS VALUES ('A003', 'Alex ', 'London', '0.13', '075-12458969', ");
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INSERT INTO AGENTSS VALUES ('A008', 'Alford', 'New York', '0.12', '044-25874365', ");
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INSERT INTO AGENTSS VALUES ('A011', 'Ravi Kumar', 'Bangalore', '0.15', '077-45625874', ");
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INSERT INTO AGENTSS VALUES ('A010', 'Santakumar', 'Chennai', '0.14', '007-22388644', ");
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INSERT INTO AGENTSS VALUES ('A012', 'Lucida', 'San Jose', '0.12', '044-52981425', ");
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INSERT INTO AGENTSS VALUES ('A005', 'Anderson', 'Brisban', '0.13', '045-21447739', ");
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INSERT INTO AGENTSS VALUES ('A001', 'Subbarao', 'Bangalore', '0.14', '077-12346674', ");
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INSERT INTO AGENTSS VALUES ('A002', 'Mukesh', 'Mumbai', '0.11', '029-12358964', ");
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INSERT INTO AGENTSS VALUES ('A006', 'McDen', 'London', '0.15', '078-22255588', ");
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INSERT INTO AGENTSS VALUES ('A004', 'Ivan', 'Torento', '0.15', '008-22544166', ");
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INSERT INTO AGENTSS VALUES ('A009', 'Benjamin', 'Hampshair', '0.11', '008-22536178', ");
```

```
CREATE TABLE CUSTOMER
```

```
(  
    CUST_CODE VARCHAR(6) NOT NULL PRIMARY KEY,  
    CUST_NAME VARCHAR(40) NOT NULL,  
    CUST_CITY CHAR(35),  
    WORKING_AREA VARCHAR(35) NOT NULL,  
    CUST_COUNTRY VARCHAR(20) NOT NULL,  
    GRADE INT,  
    OPENING_AMT FLOAT(12,2) NOT NULL,  
    RECEIVE_AMT FLOAT(12,2) NOT NULL,  
    PAYMENT_AMT FLOAT(12,2) NOT NULL,  
    OUTSTANDING_AMT FLOAT(12,2) NOT NULL,  
    PHONE_NO VARCHAR(17) NOT NULL,  
    AGENT_CODE CHAR(6) NOT NULL REFERENCES AGENTSS  
);
```

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INSERT INTO CUSTOMER VALUES ('C00013', 'Holmes', 'London', 'London', 'UK', '2', '6000.00',
'5000.00', '7000.00', '4000.00', 'BBBBBBB', 'A003');
INSERT INTO CUSTOMER VALUES ('C00001', 'Micheal', 'New York', 'New York', 'USA', '2',
'3000.00', '5000.00', '2000.00', '6000.00', 'CCCCCCC', 'A008');
INSERT INTO CUSTOMER VALUES ('C00020', 'Albert', 'New York', 'New York', 'USA', '3',
'5000.00', '7000.00', '6000.00', '6000.00', 'BBBBBBSB', 'A008');
INSERT INTO CUSTOMER VALUES ('C00025', 'Ravindran', 'Bangalore', 'Bangalore', 'India', '2',
'5000.00', '7000.00', '4000.00', '8000.00', 'AVAVAVA', 'A011');
INSERT INTO CUSTOMER VALUES ('C00024', 'Cook', 'London', 'London', 'UK', '2', '4000.00',
'9000.00', '7000.00', '6000.00', 'FSDDSD', 'A006');
INSERT INTO CUSTOMER VALUES ('C00015', 'Stuart', 'London', 'London', 'UK', '1', '6000.00',
'8000.00', '3000.00', '11000.00', 'GFSGERS', 'A003');
INSERT INTO CUSTOMER VALUES ('C00002', 'Bolt', 'New York', 'New York', 'USA', '3',
'5000.00', '7000.00', '9000.00', '3000.00', 'DDNRDRH', 'A008');
INSERT INTO CUSTOMER VALUES ('C00018', 'Fleming', 'Brisban', 'Brisban', 'Australia', '2',
'7000.00', '7000.00', '9000.00', '5000.00', 'NHBGVFC', 'A005');
INSERT INTO CUSTOMER VALUES ('C00021', 'Jacks', 'Brisban', 'Brisban', 'Australia', '1',
'7000.00', '7000.00', '7000.00', '7000.00', 'WERTGDF', 'A005');
INSERT INTO CUSTOMER VALUES ('C00019', 'Yearannaidu', 'Chennai', 'Chennai', 'India', '1',
'8000.00', '7000.00', '7000.00', '8000.00', 'ZZZZBFV', 'A010');
INSERT INTO CUSTOMER VALUES ('C00005', 'Sasikant', 'Mumbai', 'Mumbai', 'India', '1',
'7000.00', '11000.00', '7000.00', '11000.00', '147-25896312', 'A002');
INSERT INTO CUSTOMER VALUES ('C00007', 'Ramanathan', 'Chennai', 'Chennai', 'India', '1',
'7000.00', '11000.00', '9000.00', '9000.00', 'GHRDWS', 'A010');
INSERT INTO CUSTOMER VALUES ('C00022', 'Avinash', 'Mumbai', 'Mumbai', 'India', '2',
'7000.00', '11000.00', '9000.00', '9000.00', '113-12345678', 'A002');
INSERT INTO CUSTOMER VALUES ('C00004', 'Winston', 'Brisban', 'Brisban', 'Australia', '1',
'5000.00', '8000.00', '7000.00', '6000.00', 'AAAAAAA', 'A005');
INSERT INTO CUSTOMER VALUES ('C00023', 'Karl', 'London', 'London', 'UK', '0', '4000.00',
'6000.00', '7000.00', '3000.00', 'AAAABAA', 'A006');
INSERT INTO CUSTOMER VALUES ('C00006', 'Shilton', 'Torento', 'Torento', 'Canada', '1',
'10000.00', '7000.00', '6000.00', '11000.00', 'DDDDDDD', 'A004');
INSERT INTO CUSTOMER VALUES ('C00010', 'Charles', 'Hampshair', 'Hampshair', 'UK', '3',
'6000.00', '4000.00', '5000.00', '5000.00', 'MMMMMMM', 'A009');
INSERT INTO CUSTOMER VALUES ('C00017', 'Srinivas', 'Bangalore', 'Bangalore', 'India', '2',
'8000.00', '4000.00', '3000.00', '9000.00', 'AAAAAAB', 'A007');
INSERT INTO CUSTOMER VALUES ('C00012', 'Steven', 'San Jose', 'San Jose', 'USA', '1',
'5000.00', '7000.00', '9000.00', '3000.00', 'KRFYGJK', 'A012');
INSERT INTO CUSTOMER VALUES ('C00008', 'Karolina', 'Torento', 'Torento', 'Canada', '1',
'7000.00', '7000.00', '9000.00', '5000.00', 'HJKORED', 'A004');
INSERT INTO CUSTOMER VALUES ('C00003', 'Martin', 'Torento', 'Torento', 'Canada', '2',
'8000.00', '7000.00', '7000.00', '8000.00', 'MJYURFD', 'A004');
INSERT INTO CUSTOMER VALUES ('C00009', 'Ramesh', 'Mumbai', 'Mumbai', 'India', '3',
'8000.00', '7000.00', '3000.00', '12000.00', 'Phone No', 'A002');

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INSERT INTO CUSTOMER VALUES ('C00014', 'Rangarappa', 'Bangalore', 'Bangalore', 'India',
'2', '8000.00', '11000.00', '7000.00', '12000.00', 'AAAATGF', 'A001');
INSERT INTO CUSTOMER VALUES ('C00016', 'Venkatpati', 'Bangalore', 'Bangalore', 'India', '2',
'8000.00', '11000.00', '7000.00', '12000.00', 'JRTVFDD', 'A007');
INSERT INTO CUSTOMER VALUES ('C00011', 'Sundariya', 'Chennai', 'Chennai', 'India', '3',
'7000.00', '11000.00', '7000.00', '11000.00', 'PPHGRTS', 'A010');

```

```

CREATE TABLE ORDERS

```

```

(
    ORD_NUM INT NOT NULL PRIMARY KEY,
    ORD_AMOUNT FLOAT(12,2) NOT NULL,
    ADVANCE_AMOUNT FLOAT(12,2) NOT NULL,
    ORD_DATE DATE NOT NULL,
    CUST_CODE VARCHAR(6) NOT NULL REFERENCES CUSTOMER,
    AGENT_CODE CHAR(6) NOT NULL REFERENCES AGENTSS,
    ORD_DESCRIPTION VARCHAR(60) NOT NULL
);

```

```

INSERT INTO ORDERS VALUES('200100', '1000.00', '600.00', '2008-01-08', 'C00013', 'A003',
'SOD');
INSERT INTO ORDERS VALUES('200110', '3000.00', '500.00', '2008-04-15', 'C00019', 'A010',
'SOD');
INSERT INTO ORDERS VALUES('200107', '4500.00', '900.00', '2008-08-30', 'C00007', 'A010',
'SOD');
INSERT INTO ORDERS VALUES('200112', '2000.00', '400.00', '2008-05-30', 'C00016', 'A007',
'SOD');
INSERT INTO ORDERS VALUES('200113', '4000.00', '600.00', '2008-06-10', 'C00022', 'A002',
'SOD');
INSERT INTO ORDERS VALUES('200102', '2000.00', '300.00', '2008-05-25', 'C00012', 'A012',
'SOD');
INSERT INTO ORDERS VALUES('200114', '3500.00', '2000.00', '2008-08-15', 'C00002', 'A008',
'SOD');
INSERT INTO ORDERS VALUES('200122', '2500.00', '400.00', '2008-09-16', 'C00003', 'A004',
'SOD');
INSERT INTO ORDERS VALUES('200118', '500.00', '100.00', '2008-07-20', 'C00023', 'A006',
'SOD');
INSERT INTO ORDERS VALUES('200119', '4000.00', '700.00', '2008-09-16', 'C00007', 'A010',
'SOD');
INSERT INTO ORDERS VALUES('200121', '1500.00', '600.00', '2008-09-23', 'C00008', 'A004',
'SOD');
INSERT INTO ORDERS VALUES('200130', '2500.00', '400.00', '2008-07-30', 'C00025', 'A011',
'SOD');
INSERT INTO ORDERS VALUES('200134', '4200.00', '1800.00', '2008-09-25', 'C00004', 'A005',
'SOD');

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INSERT INTO ORDERS VALUES('200108', '4000.00', '600.00', '2008-02-15', 'C00008', 'A004',  
'SOD');  
INSERT INTO ORDERS VALUES('200103', '1500.00', '700.00', '2008-05-15', 'C00021', 'A005',  
'SOD');  
INSERT INTO ORDERS VALUES('200105', '2500.00', '500.00', '2008-07-18', 'C00025', 'A011',  
'SOD');  
INSERT INTO ORDERS VALUES('200109', '3500.00', '800.00', '2008-07-30', 'C00011', 'A010',  
'SOD');  
INSERT INTO ORDERS VALUES('200101', '3000.00', '1000.00', '2008-07-15', 'C00001', 'A008',  
'SOD');  
INSERT INTO ORDERS VALUES('200111', '1000.00', '300.00', '2008-07-20', 'C00020', 'A008',  
'SOD');  
INSERT INTO ORDERS VALUES('200104', '1500.00', '500.00', '2008-03-13', 'C00006', 'A004',  
'SOD');  
INSERT INTO ORDERS VALUES('200106', '2500.00', '700.00', '2008-04-20', 'C00005', 'A002',  
'SOD');  
INSERT INTO ORDERS VALUES('200125', '2000.00', '600.00', '2008-10-10', 'C00018', 'A005',  
'SOD');  
INSERT INTO ORDERS VALUES('200117', '800.00', '200.00', '2008-10-20', 'C00014', 'A001',  
'SOD');  
INSERT INTO ORDERS VALUES('200123', '500.00', '100.00', '2008-09-16', 'C00022', 'A002',  
'SOD');  
INSERT INTO ORDERS VALUES('200120', '500.00', '100.00', '2008-07-20', 'C00009', 'A002',  
'SOD');  
INSERT INTO ORDERS VALUES('200116', '500.00', '100.00', '2008-07-13', 'C00010', 'A009',  
'SOD');  
INSERT INTO ORDERS VALUES('200124', '500.00', '100.00', '2008-06-20', 'C00017', 'A007',  
'SOD');  
INSERT INTO ORDERS VALUES('200126', '500.00', '100.00', '2008-06-24', 'C00022', 'A002',  
'SOD');  
INSERT INTO ORDERS VALUES('200129', '2500.00', '500.00', '2008-07-20', 'C00024', 'A006',  
'SOD');  
INSERT INTO ORDERS VALUES('200127', '2500.00', '400.00', '2008-07-20', 'C00015', 'A003',  
'SOD');  
INSERT INTO ORDERS VALUES('200128', '3500.00', '1500.00', '2008-07-20', 'C00009', 'A002',  
'SOD');  
INSERT INTO ORDERS VALUES('200135', '2000.00', '800.00', '2008-09-16', 'C00007', 'A010',  
'SOD');  
INSERT INTO ORDERS VALUES('200131', '900.00', '150.00', '2008-08-16', 'C00012', 'A012',  
'SOD');  
INSERT INTO ORDERS VALUES('200133', '1200.00', '400.00', '2008-06-29', 'C00009', 'A002',  
'SOD');
```