

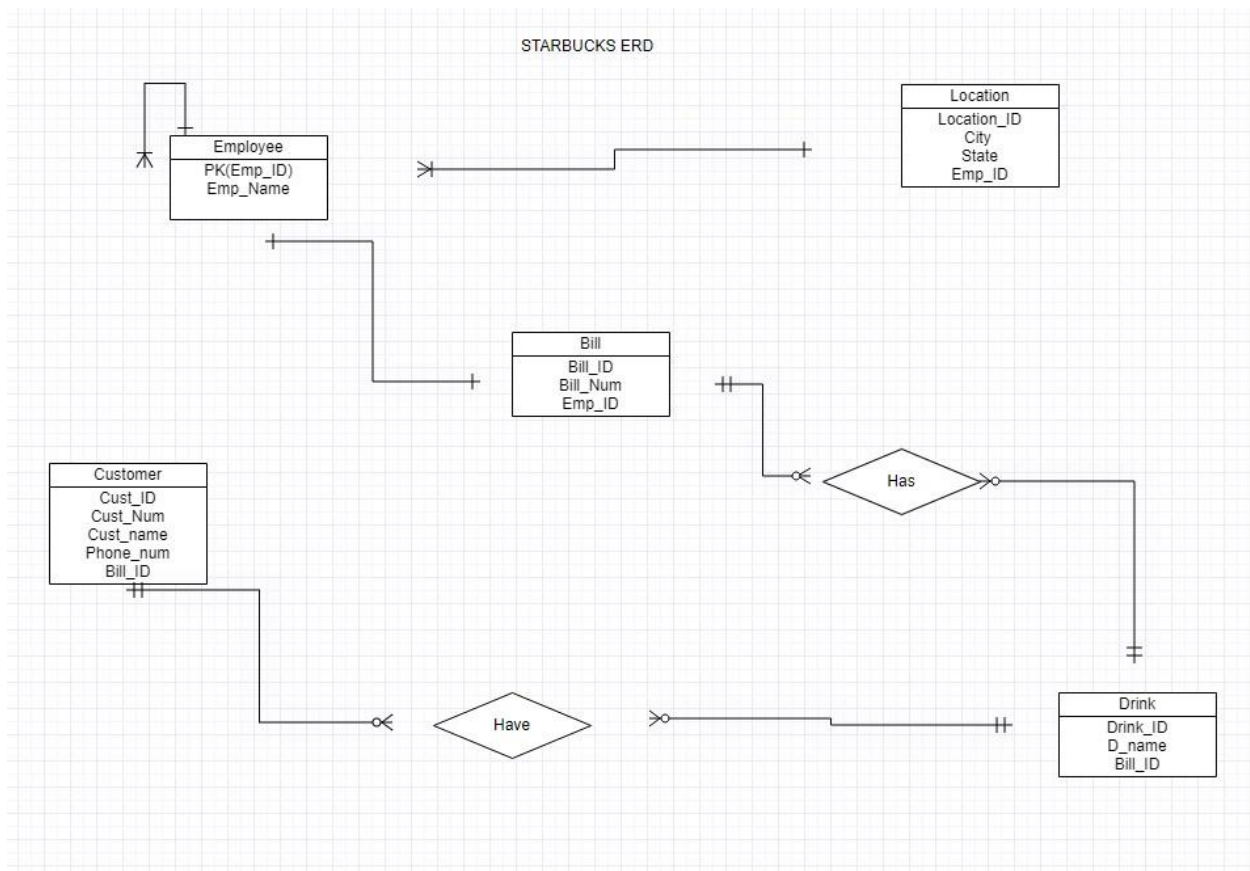
STARBUCKS DATABASE

**CREATOR: ALEC
VALENCIA**

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ERD



DATA DICTIONARY

	A	B	C	D	E	F	G
1	Employee	Emp_ID	Num Emp_ID	INTEGER	0-10	000001-9999999	PK
2		Emp_Name	First name	VARCHAR(35)	XXXXXXXXXX	N/A	
3							
4							
5	Location	Location_ID	Num Location_ID	INTEGER	#####	1000-9999	PK
6		City	Emp Address	VARCHAR(35)	XXXXXXXXXX	N/A	
7		State	Emp State	VARCHAR(35)	XXXXXXXXXX	N/A	
8		Emp_ID	Num Location_ID	INTEGER	#####	1000-9999	FK
9							
10							
11	Bill	Bill_ID	Num Bill_ID	INTEGER	#####	1000-9999	PK
12		Bill_Num	Bill Number	Decimal (3,2)	0.##	0-100	
13		Emp_ID	Num Location_ID	INTEGER	#####	1000-9999	FK
14							
15							
16	Drink	Drink_ID	Num Drink_ID	INTEGER	#####	1000-9999	PK
17		D_Name	Drink Name	VARCHAR(35)	XXXXXXXXXX	N/A	
18		Bill_ID	Num Bill_ID	INTEGER	#####	1000-9999	FK
19							
20							
21	Customer	Cust_ID	Num Cust_ID	INTEGER	#####	1000-9999	PK
22		Cust_Name	First name	VARCHAR(35)	XXXXXXXXXX	N/A	
23		Phone_Num	Phone Number	TEXT	###-###-####	1000-9999	
24		Bill_ID	Num Bill_ID	INTEGER	#####	1000-9999	FK
25							
26							

SCHEMA

EMPLOYEE (**PK** EMP_ID, EMP_NAME)

LOCATION (**PK** LOCATION_ID, CITY, STATE, **FK** EMP_ID)

BILL (**PK** BILL_ID, BILL_NUM, **FK** EMP_ID)

DRINK (**PK** DRINK_ID, D_NAME, **FK** BILL_ID)

CUSTOMER (**PK** CUST_ID, CUST_NAME, PHONE_NUM, **FK** BILL_ID)

DATABASE CONTENT

SQLQuery1.sql - DE...D\BOTBOI455 (71))* ✕ ~vs9E17.sql - DESK...6D\BOTBOI455 (66)) ~vs91777.sql - DESK...6D\BOTBOI455 (65)) ~vsF1C6.sql - DESK...D\BOTBOI455 (64)) ~vs214D

SELECT *
FROM EMPLOYEE, BILL, CUSTOMER, DRINK, LOCATION;

100 %

Results Messages

	Emp_ID	Emp_Name	Bill_ID	Bill_Num	Emp_ID	Cust_ID	Cust_Name	Phone_Num	Bill_ID	Drink_ID	D_Name	Bill_ID	Location_ID	City	State	Emp_ID
1	1	Alec Valencia	1010	6.24	1	0	Lexi Anderson	623-525-4587	1010	1000	Chai Latte	1100	100	Goodyear	Arizona	1
2	1	Alec Valencia	1020	8.89	2	0	Lexi Anderson	623-525-4587	1010	1000	Chai Latte	1100	100	Goodyear	Arizona	1
3	1	Alec Valencia	1030	3.44	3	0	Lexi Anderson	623-525-4587	1010	1000	Chai Latte	1100	100	Goodyear	Arizona	1
4	1	Alec Valencia	1040	5.43	4	0	Lexi Anderson	623-525-4587	1010	1000	Chai Latte	1100	100	Goodyear	Arizona	1
5	1	Alec Valencia	1050	7.34	5	0	Lexi Anderson	623-525-4587	1010	1000	Chai Latte	1100	100	Goodyear	Arizona	1
6	1	Alec Valencia	1060	5.34	6	0	Lexi Anderson	623-525-4587	1010	1000	Chai Latte	1100	100	Goodyear	Arizona	1
7	1	Alec Valencia	1070	9.45	7	0	Lexi Anderson	623-525-4587	1010	1000	Chai Latte	1100	100	Goodyear	Arizona	1
8	1	Alec Valencia	1080	4.67	8	0	Lexi Anderson	623-525-4587	1010	1000	Chai Latte	1100	100	Goodyear	Arizona	1
9	1	Alec Valencia	1090	3.78	9	0	Lexi Anderson	623-525-4587	1010	1000	Chai Latte	1100	100	Goodyear	Arizona	1
10	1	Alec Valencia	1100	7.66	10	0	Lexi Anderson	623-525-4587	1010	1000	Chai Latte	1100	100	Goodyear	Arizona	1
11	1	Alec Valencia	1010	6.24	1	1	Andrew Paul	623-589-7845	1020	1000	Chai Latte	1100	100	Goodyear	Arizona	1
12	1	Alec Valencia	1020	8.89	2	1	Andrew Paul	623-589-7845	1020	1000	Chai Latte	1100	100	Goodyear	Arizona	1
13	1	Alec Valencia	1030	3.44	3	1	Andrew Paul	623-589-7845	1020	1000	Chai Latte	1100	100	Goodyear	Arizona	1
14	1	Alec Valencia	1040	5.43	4	1	Andrew Paul	623-589-7845	1020	1000	Chai Latte	1100	100	Goodyear	Arizona	1
15	1	Alec Valencia	1050	7.34	5	1	Andrew Paul	623-589-7845	1020	1000	Chai Latte	1100	100	Goodyear	Arizona	1
16	1	Alec Valencia	1060	5.34	6	1	Andrew Paul	623-589-7845	1020	1000	Chai Latte	1100	100	Goodyear	Arizona	1
17	1	Alec Valencia	1070	9.45	7	1	Andrew Paul	623-589-7845	1020	1000	Chai Latte	1100	100	Goodyear	Arizona	1
18	1	Alec Valencia	1080	4.67	8	1	Andrew Paul	623-589-7845	1020	1000	Chai Latte	1100	100	Goodyear	Arizona	1
19	1	Alec Valencia	1090	3.78	9	1	Andrew Paul	623-589-7845	1020	1000	Chai Latte	1100	100	Goodyear	Arizona	1
20	1	Alec Valencia	1100	7.66	10	1	Andrew Paul	623-589-7845	1020	1000	Chai Latte	1100	100	Goodyear	Arizona	1
21	1	Alec Valencia	1010	6.24	1	2	Henry Jack	623-587-412	1030	1000	Chai Latte	1100	100	Goodyear	Arizona	1
22	1	Alec Valencia	1020	8.89	2	2	Henry Jack	623-587-412	1030	1000	Chai Latte	1100	100	Goodyear	Arizona	1
23	1	Alec Valencia	1030	3.44	3	2	Henry Jack	623-587-412	1030	1000	Chai Latte	1100	100	Goodyear	Arizona	1
24	1	Alec Valencia	1040	5.43	4	2	Henry Jack	623-587-412	1030	1000	Chai Latte	1100	100	Goodyear	Arizona	1
25	1	Alec Valencia	1050	7.34	5	2	Henry Jack	623-587-412	1030	1000	Chai Latte	1100	100	Goodyear	Arizona	1
26	1	Alec Valencia	1060	5.34	6	2	Henry Jack	623-587-412	1030	1000	Chai Latte	1100	100	Goodyear	Arizona	1
27	1	Alec Valencia	1070	9.45	7	2	Henry Jack	623-587-412	1030	1000	Chai Latte	1100	100	Goodyear	Arizona	1
28	1	Alec Valencia	1080	4.67	8	2	Henry Jack	623-587-412	1030	1000	Chai Latte	1100	100	Goodyear	Arizona	1
29	1	Alec Valencia	1090	3.78	9	2	Henry Jack	623-587-412	1030	1000	Chai Latte	1100	100	Goodyear	Arizona	1

CREATE TABLE STATEMENTS:

```
CREATE TABLE EMPLOYEE(  
  Emp_ID CHAR(6) NOT NULL,  
  Emp_Name VARCHAR(35) NOT NULL,  
  PRIMARY KEY(Emp_ID));
```

%

Messages

Commands completed successfully.

Completion time: 2022-05-19T19:57:03.4968837-07:00



The screenshot displays the SQL Server Enterprise Manager interface. At the top, two tabs are visible: 'SQLQuery14.sql - D...DI\BOTBOI455 (65))*' and 'SQLQuery13.sql - D...DI\BOTBOI455 (54))*'. The active tab shows a SQL query in a text editor. The query is a CREATE TABLE statement for a table named 'LOCATION'. It defines four columns: 'Location_ID' (VARCHAR(35), NOT NULL), 'City' (VARCHAR(35), NOT NULL), 'State' (VARCHAR(35), NOT NULL), and 'Emp_ID' (INTEGER). It also includes a PRIMARY KEY constraint on 'Location_ID' and a FOREIGN KEY constraint on 'Emp_ID' that references the 'EMPLOYEE' table's 'Emp_ID' column. The query is terminated with a semicolon. Below the query editor, a status bar shows '100 %' zoom. At the bottom, a 'Messages' pane displays the execution results: 'Commands completed successfully.' and 'Completion time: 2022-05-19T20:58:08.8379296-07:00'.

```
CREATE TABLE LOCATION(  
    Location_ID VARCHAR(35) NOT NULL,  
    City VARCHAR(35) NOT NULL,  
    State VARCHAR(35) NOT NULL,  
    Emp_ID INTEGER,  
    PRIMARY KEY(Location_ID),  
    FOREIGN KEY(Emp_ID) REFERENCES EMPLOYEE(Emp_ID));
```

100 %

Messages

Commands completed successfully.

Completion time: 2022-05-19T20:58:08.8379296-07:00



The screenshot displays the SQL Server Enterprise Manager interface. At the top, two tabs are visible: 'SQLQuery6.sql - DE...D\\BOTBOI455 (66))*' and 'SQLQuery5.sql - DE...D\\BOTBOI455'. The main window shows a SQL query in the 'SQLQuery6.sql' tab. The query is as follows:

```
CREATE TABLE BILL(  
    Bill_ID INTEGER,  
    Bill_Num DECIMAL(3,2),  
    Emp_ID INTEGER,  
    PRIMARY KEY(Bill_ID),  
    FOREIGN KEY(Emp_ID) REFERENCES EMPLOYEE(Emp_ID));
```

Below the query editor, there is a 'Messages' pane. It shows the status 'Commands completed successfully.' and the 'Completion time: 2022-05-19T22:10:22.5046235-07:00'. The zoom level is set to '100 %'.

```
CREATE TABLE DRINK(  
  Drink_ID INTEGER,  
  D_Name VARCHAR(35) NOT NULL,  
  Bill_ID INTEGER,  
  PRIMARY KEY(Drink_ID),  
  FOREIGN KEY(Bill_ID) REFERENCES BILL(Bill_ID));
```

0 %

Messages

Commands completed successfully.

Completion time: 2022-05-19T22:22:28.0330286-07:00

```
SQLQuery13.sql - D:\...B\B01B01455 (34)  SQLQuery14.sql - D:\...B\B01B01455 (34)
CREATE TABLE CUSTOMER(
  Cust_ID INTEGER,
  Cust_Name VARCHAR(35) NOT NULL,
  Phone_Num TEXT,
  Bill_ID INTEGER,
  PRIMARY KEY(Cust_ID),
  FOREIGN KEY(Bill_ID) REFERENCES BILL(Bill_ID));
```

100 %

Messages

Commands completed successfully.

Completion time: 2022-05-19T22:56:41.8067866-07:00

INSERT STATEMENTS

```
SQLQuery13.sql - D:\BOTBOI455 (54))* SQLQuery12.sql - D:\BOTBOI455 (54)*
INSERT INTO EMPLOYEE
VALUES('1','Alec Valencia');
INSERT INTO EMPLOYEE
VALUES('2','Trae Turner');
INSERT INTO EMPLOYEE
VALUES('3','Tyrion Lannister');
INSERT INTO EMPLOYEE
VALUES('4','Tywin Lannister');
INSERT INTO EMPLOYEE
VALUES('5','Aaron Judge');
INSERT INTO EMPLOYEE
VALUES('6','Michael Scott');
INSERT INTO EMPLOYEE
VALUES('7','Mike Trout');
INSERT INTO EMPLOYEE
VALUES('8','Sandor Clegane');
INSERT INTO EMPLOYEE
VALUES('9','Sansa Stark');
INSERT INTO EMPLOYEE
VALUES('10','Ayra Stark');
```

100 %

Messages

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

Completion time: 2022-05-19T20:42:38.3718307-07:00

```
SQLQuery20.sql - D...D\BOTBOI455 (71))* X SQLQuery19.sql - D...D\BOTBOI455 (70))*  
INSERT INTO LOCATION  
VALUES('100','Goodyear','Arizona','1');  
INSERT INTO LOCATION  
VALUES('200','Tempe','Arizona','2');  
INSERT INTO LOCATION  
VALUES('300','Paradise Valley','Arizona','3');  
INSERT INTO LOCATION  
VALUES('400','Avondale','Arizona','4');  
INSERT INTO LOCATION  
VALUES('500','Chandler','Arizona','5');  
INSERT INTO LOCATION  
VALUES('600','Estrella','Arizona','6');  
INSERT INTO LOCATION  
VALUES('700','Verarrdo','Arizona','7');  
INSERT INTO LOCATION  
VALUES('800','South','Arizona','8');  
INSERT INTO LOCATION  
VALUES('900','North','Arizona','9');  
INSERT INTO LOCATION  
VALUES('1000','West','Arizona','10')  
  
100 %  
Messages  
  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
  
Completion time: 2022-05-19T21:23:13.5540147-07:00
```

```
SQLQuery6.sql - DE...DI\BOTBOI455 (66))*    SQLQuery5.sql - DE...DI\BOTBOI455
INSERT INTO BILL
VALUES('1010', '6.24', '1');
INSERT INTO BILL
VALUES('1020', '8.89', '2');
INSERT INTO BILL
VALUES('1030', '3.44', '3');
INSERT INTO BILL
VALUES('1040', '5.43', '4');
INSERT INTO BILL
VALUES('1050', '7.34', '5');
INSERT INTO BILL
VALUES('1060', '5.34', '6');
INSERT INTO BILL
VALUES('1070', '9.45', '7');
INSERT INTO BILL
VALUES('1080', '4.67', '8');
INSERT INTO BILL
VALUES('1090', '3.78', '9');
INSERT INTO BILL
VALUES('1100', '7.66', '10');
```

100 %

Messages

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

Completion time: 2022-05-19T22:10:25.4432551-07:00

```

SQLQuery1.sql - DEM.DR(D01B0143) (30)  SQLQuery7.sql - DEM.DR(D01B0143) (33)
[+] INSERT INTO DRINK
    VALUES('1111','Iced Shaken Espresso','1010');
[+] INSERT INTO DRINK
    VALUES('2222','Vanilla Latte','1020');
[+] INSERT INTO DRINK
    VALUES('3333','Iced White Chocolate Mocha','1030');
[+] INSERT INTO DRINK
    VALUES('4444','Pumpkin Spice Latte.','1040');
[+] INSERT INTO DRINK
    VALUES('5555','Cinnamon Roll Frappuccino','1050');
[+] INSERT INTO DRINK
    VALUES('6666','Java Chip Frappuccino','1060');
[+] INSERT INTO DRINK
    VALUES('7777','Iced Shaken Espresso','1070');
[+] INSERT INTO DRINK
    VALUES('8888','Hot Chocolate','1080');
[+] INSERT INTO DRINK
    VALUES('9999','Green Tea Crème Frappuccino','1090');
[+] INSERT INTO DRINK
    VALUES('1000','Chai Latte','1100');|

00 %
Messages

(1 row affected)

(1 row affected)

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(1 row affected)

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(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

Completion time: 2022-05-19T22:29:07.3990383-07:00

```

```
SQLQuery15.sql - D:\BOTBOI455 (54))* SQLQuery14.sql - D:\BOTBOI455 (51))* SQLQ

INSERT INTO CUSTOMER
VALUES('0', 'Lexi Anderson', '623-525-4587', '1010');
INSERT INTO CUSTOMER
VALUES('01', 'Andrew Paul', '623-589-7845', '1020');
INSERT INTO CUSTOMER
VALUES('02', 'Henry Jack', '623-587-412', '1030');
INSERT INTO CUSTOMER
VALUES('03', 'Martin Louis', '602-874-1249', '1040');
INSERT INTO CUSTOMER
VALUES('04', 'Alex Hawk', '623-545-9858', '1050');
INSERT INTO CUSTOMER
VALUES('05', 'Mike Fleming', '623-989-5647', '1060');
INSERT INTO CUSTOMER
VALUES('06', 'John Snow', '480-545-7474', '1070');
INSERT INTO CUSTOMER
VALUES('07', 'Arthur Bob', '623-514-6354', '1080');
INSERT INTO CUSTOMER
VALUES('08', 'Bobby Grace', '623-476-6547', '1090');
INSERT INTO CUSTOMER
VALUES('09', 'George Sterling', '623-858-6454', '1100');

100 %
Messages

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

Completion time: 2022-05-19T22:56:45.8076419-07:00
```


TRANSACTION

SQLQuery16.sql - D...DI\BOTBOI455 (70))* SQLQuery15.sql - D...DI\BOTBOI455 (54))*

```
BEGIN TRANSACTION;  
INSERT INTO EMPLOYEE VALUES('11','Luke Skywalker');  
SELECT * FROM EMPLOYEE WHERE EMP_ID = '11';
```

100 %

Results Messages

	Emp_ID	Emp_Name
1	11	Luke Skywalker

JOIN

SQLQuery17.sql - D...D\BOTBOI455 (55))*) X SQLQuery16.sql - D...D\BOT

```
SELECT EMP_NAME, CITY, STATE  
FROM EMPLOYEE E, LOCATION L  
WHERE E.EMP_ID = L.EMP_ID;
```

100 %

Results Messages

	EMP_NAME	CITY	STATE
1	Alec Valencia	Goodyear	Arizona
2	Trae Turner	Tempe	Arizona
3	Tyrion Lannister	Paradise Valley	Arizona
4	Tywin Lannister	Avondale	Arizona
5	Aaron Judge	Chandler	Arizona
6	Michael Scott	Estrella	Arizona
7	Mike Trout	Verando	Arizona
8	Sandor Clegane	South	Arizona
9	Sansa Stark	North	Arizona
10	Ayra Stark	West	Arizona