```
hive> create table Sales_data (sale_id int,product_name string,sale_date date,region string,amount int)
   > row format delimited
   > fields terminated by ','
   > stored as textfile;
hive> load data local inpath "C:\Users\MRITH\Downloads\CA2data.txt" into table Sales_data;
hive> create table sales_partition(sale_id int,product_name string,sale_date date,amount int)
    > PARTITIONED BY (region STRING, year INT)
    > row format delimited
    > fields terminated by ','
    > stored as textfile;_
hive> set hive.exec.dynamic.partition.mode=nonstrict;_
hive> INSERT INTO TABLE sales_partition PARTITION (region, year)
   > hive> SELECT sale_id, product_name, sale_date, amount, region, YEAR(TO_DATE(sale_date, 'yyyy-MM-dd'))
> from Sales_data;
```

2024 07	12 11.	٠٠.٠٠,١١٦	INIO CACC.LISCS	тпкорст и	COI. NEC	011D3_001_1111
3	Widget	C	2024-08-03	300	East	2024
7	Widget		2024-08-07	250	East	2024
11	Widget	K	2024-08-11	190	East	2024
14	Widget	N	2024-08-14	240	East	2024
18	Widget	R	2024-08-18	410	East	2024
22	Widget	V	2024-08-22	510	East	2024
26	Widget		2024-08-26	620	East	2024
30	Widget		2024-08-30	570	East	2024
34	Widget		2024-09-03	540	East	2024
38	Widget	LL	2024-09-07	380	East	2024
42	Widget		2024-09-11	400	East	2024
46	Widget	TT	2024-09-15	620	East	2024
50	Widget		2024-09-19	600	East	2024
1	Widget		2024-08-01	150	North	2024
5	Widget		2024-08-05	410	North	2024
9	Widget		2024-08-09	320	North	2024
12	Widget		2024-08-12	600	North	2024
16	Widget		2024-08-16	370	North	2024
20	Widget		2024-08-20	270	North	2024
24	Widget		2024-08-24	190	North	2024
28	Widget		2024-08-28	270	North	2024
32	Widget		2024-09-01	610	North	2024
36	Widget		2024-09-05	360	North	2024
40	Widget		2024-09-09	220	North	2024
44	Widget		2024-09-13	420	North	2024
48	Widget		2024-09-17	310	North	2024
2	Widget		2024-08-02	230	South	2024
6	Widget		2024-08-06	510	South	2024
10	Widget		2024-08-10	450	South	2024
13	Widget		2024-08-13	560	South	2024
17	Widget		2024-08-17	295	South	2024
21	Widget		2024-08-21	425	South	2024
25	Widget		2024-08-25	590	South	2024
29	Widget		2024-08-29	390	South	2024
33	Widget		2024-09-02	330	South	2024
37	Widget		2024-09-06	470	South	2024
41	Widget		2024-09-10	530	South	2024
45	Widget		2024-09-14	590	South	2024
49	Widget		2024-09-18	390	South	2024
4 8	Widget		2024-08-04	120	West	2024
	Widget		2024-08-08	180	West	2024
15 19	Widget		2024-08-15 2024-08-19	350	West	2024
	Widget			315	West	2024
23 27	Widget Widget		2024-08-23	430	West	2024
27 31			2024-08-27 2024-08-31	330	West	2024
31 35	Widget Widget			315	West	2024
39	Widget		2024-09-04 2024-09-08	290 250	West	2024 2024
43	Widget		2024-09-08	480	West West	2024
43 47	Widget		2024-09-16	340	West	2024
T' '	winger	202		/ )	WCJL	2024

```
hive> CREATE TABLE transaction (

> transaction_id INT,

> user_id INT,

> transaction_date DATE,

> amount DECIMAL(10, 2)

> )

> ROW FORMAT DELIMITED

> FIELDS TERMINATED BY ','

> STORED AS TEXTFILE;
```

2024-09-12 14:01:37,129 INFO conf.HiveConf: Using the default value passed in for log id: 8290a5ad-8e0d-43c0-bd74cd2
2024-09-12 14:01:37,129 INFO session.SessionState: Resetting thread name to main hive> load data local inpath "C:\Users\MRITH\Downloads\CA2data2.txt" into table transaction;

```
hive> CREATE TABLE transaction (

> transaction_id INT,

> transaction_date DATE,

> amount DECIMAL(10, 2)

> )

> CLUSTERED BY (user_id) INTO 5 BUCKETS

> ROW FORMAT DELIMITED

> FIELDS TERMINATED BY ','

> STORED AS TEXTFILE;
```

```
hive> set hive.enforce.bucketing=true;
```

```
hive> INSERT OVERWRITE TABLE transaction
> SELECT * FROM transactions;
```

2024	-09-12	11:13:	80,911 11	NFO	exec.L:	ıst	oinkOpera
30	130		023-08-1				
25	125	20	023-08-1	3	520		
20	120	26	023-08-10	9	500		
15	115	26	023-08-08	3	320		
10	110	26	023-08-0	5	300		
5	105	26	023-08-0	3	150		
5 1	101	20	023-08-03	1	500		
26	126	26	023-08-1	3	360		
16	116	26	023-08-08	3	900		
21	121	26	023-08-13	1	410		
6	106	26	023-08-0	3	600		
11	111	20	023-08-00	5	450		
12	112	26	023-08-0	5	700		
22	122	26	023-08-13	1	950		
17	117	26	023-08-09	9	770		
2	102	26	023-08-03	L	750		
7	107	26	023-08-04	1	900		
27	127	26	023-08-14	4	880		
18	118	26	023-08-09	9	650		
8	108	26	023-08-04	4	800		
23	123	26	023-08-1	2	430		
28	128	26	023-08-1	1	710		
3	103	26	023-08-0	2	200		
13	113	26	023-08-0	7	620		
19	119	26	923-08-10	9	240		
24	124	26	023-08-1	2	890		
9	109	26	023-08-0	5	550		
4	104	26	023-08-0	2	350		
29	129	26	023-08-1	5	470		
14	114	26	023-08-0	7	400		
Time	taken:	0.175	seconds	, Fe	tched:	30	row(s)