Additional Queries : Amazon Book Dataset

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| **Query No.** | **Objectives** | **Queries** | **Observation** |
| 1 | Select all rows | select \* from Amazon\_csv; | Total rows : 550  Total Columns :7 |
| 2 | Select all rows in order by year | select \* from Amazon\_csv order by year; | Total rows : 550  Total Columns :7 |
| 3 | Change the column ‘reviews’ to an integer data type | alter table Amazon\_csv alter column reviews int; | Change the data type into Integer for column reviews |
| 4 | Change the column ‘price’ to an integer data type | alter table Amazon\_csv alter column price int; | Change the data type into Integer for column for price |
| 5 | Select book titles by alphabetical order | select name from Amazon\_csv order by name; | Total rows : 550  Total Columns :7 |
| 6 | Select distinct tiles | select distinct(name) from Amazon\_csv order by name; | Total rows : 350  Total Columns :7 |
| 7 | select duplicate titles | select name, count(name) from Amazon\_csv group by name having count(name)>1; | Total rows : 95  Total Columns :7 |
| 8 | Select the title with ‘Wonder’ | select \* from Amazon\_csv where name='Wonder'; | Total rows : 5 (year from 2013,14,15,16,17)  Total Columns :7 |
| 9 | select duplicate Author | select author, count(author) from Amazon\_csv group by author having count(author)>1; | Total rows : 118  Total Columns :7 |
| 10 | Select the Author name ‘Gary Chapman’ | select \* from Amazon\_csv where author ='Gary Chapman'; | Total rows : 11  Total Columns :7 |
| 11 | Select the Author name ‘Gary Chapman’ and review is less than 4000 | select \* from Amazon\_csv where author ='Gary Chapman'and reviews<4000; | Total rows : 6 ( 5 rows with 3477 and 1 row with 803)  Total Columns :7 |
| 12 | Select name, and author per ‘Fiction’ in 2009 | select name, author, Genre from Amazon\_csv where year=2009 and genre='Fiction'; | Total rows : 24  Total Columns :7 |
| 13 | Select name, review and author in ‘Non Fiction’ and review is less than 1000 | select name, author, reviews, genre from Amazon\_csv where reviews<1000 and genre ='Non Fiction'; | Total rows : 17  Total Columns :7 |
| 14 | Select name, review and author in ‘Fiction’ and review is less than 1000 | select name, author, reviews, genre from Amazon\_csv where reviews<1000 and genre ='Fiction'; | Total rows : 3  Total Columns :7 |
| 15 | Name with review less than 1000 | select name, count(name) from Amazon\_csv where reviews<1000 group by name; | 19 rows |
| 16 | Name with review less than 1000 per year | select year, count(name) from Amazon\_csv where reviews <1000 group by year; | Total rows: 6 (8 count in 2009 and 2010; 1 count in 2011,13,14,16)  Total Columns :7 |
| 17 | Select all rows with reviews greater than 15000 and genre is ‘Fiction’ | select \* from Amazon\_csv where genre='Fiction' and Reviews >15000 ; | Total rows : 92  Total Columns :7 |
| 18 | Select all rows with reviews greater than 15000 and genre is ‘Non Fiction’ | select \* from Amazon\_csv where genre='Non Fiction' and Reviews >15000 ; | Total rows : 61  Total Columns :7 |
| 19 | Select all rows with user\_rating greater than 4.5 and genre is ‘Non Fiction’ | select \* from Amazon\_csv where genre='Non Fiction' and User\_Rating >4.5 ; | Total rows : 210  Total Columns :7 |
| 20 | Select all rows with user\_rating less than 4.5 and genre is ‘Non Fiction’ | select \* from Amazon\_csv where genre='Non Fiction' and User\_Rating <4.5 ; | Total rows : 58  Total Columns :7 |
| 21 | Select all name and user\_rating | select name, user\_rating from Amazon\_csv; | Total rows : 550  Total Columns :7 |
| 22 | Select all rows with user\_rating less than 4.5 and genre is ‘ Fiction’ | select \* from Amazon\_csv where genre='Fiction' and User\_Rating <4.5 ; | Total rows : 40  Total Columns :7 |
| 23 | Select all rows with reviews greater than 150000 and genre is ‘Fiction’ | select \* from Amazon\_csv where reviews >15000 and price>15 and genre='Fiction'; | Total rows : 12  Total Columns :7 |
| 24 | Select all rows with reviews greater than 150000 and genre is ‘Non Fiction’ | select \* from Amazon\_csv where reviews >15000 and price>15 and genre='Non Fiction'; | Total rows : 6  Total Columns :7 |
| 25 | Select all rows with reviews greater than 150000 and price is less than 5 and genre is ‘Fiction’ | select \* from Amazon\_csv where reviews >15000 and price<5 and genre='Fiction'; | Total rows : 8  Total Columns :7 |
| 26 | Select all rows with reviews greater than 150000 and price is less than 5 and genre is ‘Non Fiction’ | select \* from Amazon\_csv where reviews >15000 and price<5 and genre='Non Fiction'; | Total rows : 5  Total Columns :7 |
| 27 | Select all rows with reviews less than 150000 and price is greater than 15 and genre is ‘Fiction’ | select \* from Amazon\_csv where reviews <5000 and price>15 and genre='Fiction'; | Total rows : 7  Total Columns :7 |
| 28 | Minimum of reviews and price | select min(reviews), min(price) from Amazon\_csv; | Min review = 37  Min price = 0 |
| 29 | Select all row with minimum reviews | select \* from Amazon\_csv where reviews = (select min(reviews) from Amazon\_csv); | Total rows : 1  Total Columns :7 |
| 30 | All rows with minimum reviews and price | select \* from Amazon\_csv where reviews = (select min(reviews) from Amazon\_csv) or Price=(select min(price) from Amazon\_csv); | Total rows : 13  Total Columns :7 |
| 31 | All rows with minimum price and genre are ‘Fiction’ | select \* from Amazon\_csv where Price=(select min(price) from Amazon\_csv) and genre ='Fiction'; | 11 Rows with 0 price and minimum reviews |
| 32 | All rows with minimum price and genre are ‘Non Fiction’ | select \* from Amazon\_csv where Price=(select min(price) from Amazon\_csv) and genre ='Non Fiction'; | Total rows : 1  Total Columns :7 |
| 33 | All rows with price between 10 and 15 | select \* from Amazon\_csv where price between 10 and 15; | Total rows : 170  Total Columns :7 |
| 34 | All rows with price not between 10 and 15 | select \* from Amazon\_csv where price not between 10 and 15; | Total rows : 380  Total Columns :7 |
| 35 | All rows with price greater than 100 | select \* from Amazon\_csv where price >100; | Total rows : 2  Total Columns :7 |
| 36 | Fetch maximum reviews and price | select max(reviews), max(price) from Amazon\_csv; | Review is 87841 and price is 105 |
| 37 | All rows with maximum reviews | select \* from Amazon\_csv where reviews = (select max(reviews) from Amazon\_csv); | Total rows : 1  Total Columns :7 |
| 38 | Any rows with price and reviews are 87841 | select \* from Amazon\_csv where price = any(select price from Amazon\_csv where reviews=87841); | Total rows : 21  Total Columns :7 |
| 39 | All titles start with letter ‘d’ | select name from Amazon\_csv where name like 'd%'; | Total rows : 33  Total Columns :7 |
| 40 | All titles with middle letter ‘des’ | select name from Amazon\_csv where name like '%des%'; | Total rows : 12  Total Columns :7 |