Amazon Top 50 Best Selling Books Analysis

-- Viewing the whole dataset.

SELECT \* FROM `newproject-377218.Amazon\_books.amazon\_book`

-- Counting total number of rows.

SELECT

COUNT(Name) AS Total\_rows

FROM `newproject-377218.Amazon\_books.amazon\_book`

-- Viewing different types of Genre.

SELECT

DISTINCT(Genre)

FROM `newproject-377218.Amazon\_books.amazon\_book`

-- Viewing the years from which the data is presented.

SELECT

DISTINCT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

-- Total number of Books from both the Genre.

SELECT 'Fiction',

COUNT(Genre) AS Total\_no\_of\_different\_genre\_of\_books

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Genre = "Fiction"

UNION ALL

SELECT 'Non Fiction',

COUNT(Genre)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Genre = "Non Fiction";

--Count of total number of books sold from different years.

SELECT '2009',

COUNT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2009

UNION ALL

SELECT '2010',

COUNT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2010

UNION ALL

SELECT '2011',

COUNT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2011

UNION ALL

SELECT '2012',

COUNT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2012

UNION ALL

SELECT '2013',

COUNT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2013

UNION ALL

SELECT '2014',

COUNT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2014

UNION ALL

SELECT '2015',

COUNT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2015

UNION ALL

SELECT '2016',

COUNT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2016

UNION ALL

SELECT '2017',

COUNT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2017

UNION ALL

SELECT '2018',

COUNT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2018

UNION ALL

SELECT '2019',

COUNT(Year)

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2019;

-- Different types of rating given by users.

SELECT

DISTINCT(User\_Rating)

FROM `newproject-377218.Amazon\_books.amazon\_book`

-- Counting the number of ratings which are above 4

SELECT

COUNT(User\_Rating) AS No\_of\_books\_with\_rating\_above\_4

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE User\_Rating > 4

-- Viewing the Books which are sold in year 2015.

SELECT \*

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Year = 2015;

-- Viewing the books with reviews above 500.

SELECT \*

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Reviews > 500

-- Viewing the books with price above or equal $50.

SELECT \*

FROM `newproject-377218.Amazon\_books.amazon\_book`

WHERE Price >= 50

-- Summary Statistics.

SELECT 'TOTAL',

    SUM(User\_Rating) AS stats\_of\_User\_Rating\_of\_Amazon\_Books,

    SUM(Reviews) AS stats\_of\_Reviews\_of\_Books\_Sold,

    SUM(Price) AS stats\_of\_Prices\_of\_Amazon\_Books

FROM `newproject-377218.Amazon\_books.amazon\_book`

UNION ALL

SELECT 'AVERAGE',

    AVG(User\_Rating),

    AVG(Reviews),

    AVG(Price),

FROM `newproject-377218.Amazon\_books.amazon\_book`

UNION ALL

SELECT 'MIN',

    MIN(User\_Rating),

    MIN(Reviews),

    MIN(Price),

FROM `newproject-377218.Amazon\_books.amazon\_book`

UNION ALL

SELECT 'MAX',

    MAX(User\_Rating),

    MAX(Reviews),

    MAX(Price)

FROM `newproject-377218.Amazon\_books.amazon\_book`