**# Target\_SQL\_BC**

**Understanding E-Commerce Trend in Brazil Retail Store**

The data is available in 8 csv files:

1. customers.csv
2. sellers.csv
3. order\_items.csv
4. geolocation.csv
5. payments.csv
6. reviews.csv
7. orders.csv
8. products.csv

The column description for these csv files is given below

The **customers.csv** contain following features:

|  |  |
| --- | --- |
| **Features** | **Description** |
| customer\_id | ID of the consumer who made the purchase |
| customer\_unique\_id | Unique ID of the consumer |
| customer\_zip\_code\_prefix | Zip Code of consumer’s location |
| customer\_city | Name of the City from where order is made |
| customer\_state | State Code from where order is made (Eg. são paulo - SP) |

The **sellers.csv** contains following features:

|  |  |
| --- | --- |
| **Features** | **Description** |
| seller\_id | Unique ID of the seller registered |
| seller\_zip\_code\_prefix | Zip Code of the seller’s location |
| seller\_city | Name of the City of the seller |
| seller\_state | State Code (Eg. são paulo - SP) |

The **order\_items.csv** contain following features:

|  |  |
| --- | --- |
| **Features** | **Description** |
| order\_id | A Unique ID of order made by the consumers |
| order\_item\_id | A Unique ID given to each item ordered in the order |
| product\_id | A Unique ID given to each product available on the site |
| seller\_id | Unique ID of the seller registered in Target |
| shipping\_limit\_date | The date before which the ordered product must be shipped |
| price | Actual price of the products ordered |
| freight\_value | Price rate at which a product is delivered from one point to another |

The **geolocations.csv** contain following features:

|  |  |
| --- | --- |
| **Features** | **Description** |
| geolocation\_zip\_code\_prefix | First 5 digits of Zip Code |
| geolocation\_lat | Latitude |
| geolocation\_lng | Longitude |
| geolocation\_city | City |
| geolocation\_state | State |

The **payments.csv** contain following features:

|  |  |
| --- | --- |
| **Features** | **Description** |
| order\_id | A Unique ID of order made by the consumers |
| payment\_sequential | Sequences of the payments made in case of EMI |
| payment\_type | Mode of payment used (Eg. Credit Card) |
| payment\_installments | Number of installments in case of EMI purchase |
| payment\_value | Total amount paid for the purchase order |

The **orders.csv** contain following features:

|  |  |
| --- | --- |
| **Features** | **Description** |
| order\_id | A Unique ID of order made by the consumers |
| customer\_id | ID of the consumer who made the purchase |
| order\_status | Status of the order made i.e. delivered, shipped, etc. |
| order\_purchase\_timestamp | Timestamp of the purchase |
| order\_delivered\_carrier\_date | Delivery date at which carrier made the delivery |
| order\_delivered\_customer\_date | Date at which customer got the product |
| order\_estimated\_delivery\_date | Estimated delivery date of the products |

The **reviews.csv** contain following features:

|  |  |
| --- | --- |
| **Features** | **Description** |
| review\_id | ID of the review given on the product ordered by the order id |
| order\_id | A Unique ID of order made by the consumers |
| review\_score | Review score given by the customer for each order on a scale of 1-5 |
| review\_comment\_title | Title of the review |
| review\_comment\_message | Review comments posted by the consumer for each order |
| review\_creation\_date | Timestamp of the review when it is created |
| review\_answer\_timestamp | Timestamp of the review answered |

The **products.csv** contain following features:

|  |  |
| --- | --- |
| **Features** | **Description** |
| product\_id | A Unique identifier for the proposed project. |
| product\_category\_name | Name of the product category |
| product\_name\_lenght | Length of the string which specifies the name given to the products ordered |
| product\_description\_lenght | Length of the description written for each product ordered on the site |
| product\_photos\_qty | Number of photos of each product ordered available on the shopping portal |
| product\_weight\_g | Weight of the products ordered in grams |
| product\_length\_cm | Length of the products ordered in centimeters |
| product\_height\_cm | Height of the products ordered in centimeters |
| product\_width\_cm | Width of the product ordered in centimeters |

**Dataset schema:**

