

OPIM 5272: Data Management and Business Process Modeling

Project Phase 3

Team 13:

Abhinav Dubey

Bhavya Bansal

Mayank Patidar

Priyanka Patel

University of Connecticut

MS in Business Analytics and Project Management

Table of Contents

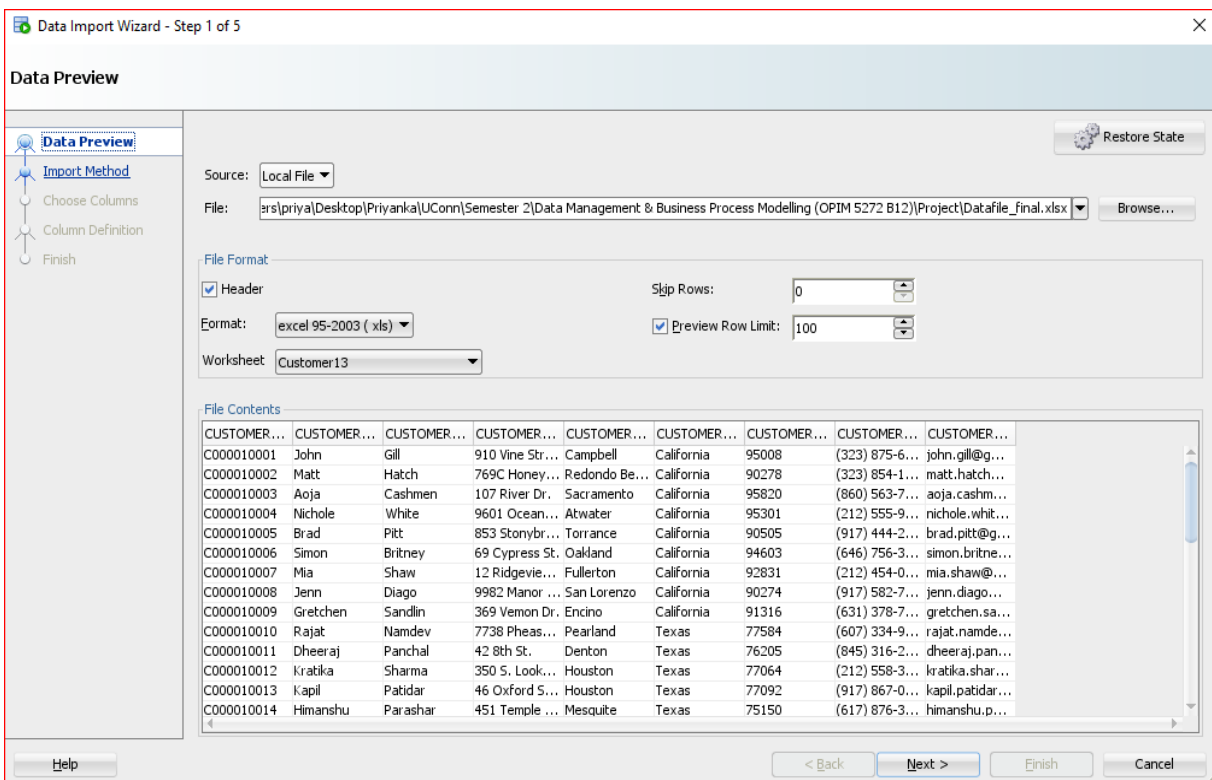
| | |
|------------------------|----|
| 1. Loading the Records | 3 |
| 2. Reports | 6 |
| 3. Swim Lane Diagram | 13 |

Loading the records

In order to load the records in the tables created, we imported the same through an excel file. We had 15 different tables and to ensure the authenticity and proper relatability in the data, we first filled in all the data in an excel file. Following are the steps that we followed to import the data in Oracle SQL Developer:

Step 1: Right click on the table name and select 'import data'.

Step 2: A pop-up headed "Data Import Wizard" will open. Upload the excel file having the data. Select the appropriate worksheet (the table that needs to be loaded). Click Next.



Step 3: Select the import method - do you want to directly insert or do you want to run the insert script manually and then enter the data. It is required to run manually if there is any change in data that needs to be done. Once, chosen, click Next.

Data Import Wizard - Step 2 of 4

Import Method

Specify the method for importing data. For Staging External Table method, an external table will be created as a staging table for importing the Target Table. For other import methods, data is imported directly into the table.

Import Method:

☐ Send Create Script to SQL Worksheet

Table Name:

☐ Import Row Limit:

File Contents

| | | | | | | | | |
|-------------|-------------|-------------|-----------------|---------------|-------------|-------------|----------------|------------------|
| CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... |
| C000010001 | John | Gill | 910 Vine Str... | Campbell | California | 95008 | (323) 875-6... | john.gill@g... |
| C000010002 | Matt | Hatch | 769C Honey... | Redondo Be... | California | 90278 | (323) 854-1... | matt.hatch... |
| C000010003 | Aoja | Cashmen | 107 River Dr. | Sacramento | California | 95820 | (860) 563-7... | aoja.cashm... |
| C000010004 | Nichole | White | 9601 Ocean... | Atwater | California | 95301 | (212) 555-9... | nichole.whit... |
| C000010005 | Brad | Pitt | 853 Stonybr... | Torrance | California | 90505 | (917) 444-2... | brad.pitt@g... |
| C000010006 | Simon | Britney | 69 Cypress St. | Oakland | California | 94603 | (646) 756-3... | simon.britne... |
| C000010007 | Mia | Shaw | 12 Ridgevie... | Fullerton | California | 92831 | (212) 454-0... | mia.shaw@... |
| C000010008 | Jenn | Diago | 9982 Manor ... | San Lorenzo | California | 90274 | (917) 582-7... | jenn.diago... |
| C000010009 | Gretchen | Sandlin | 369 Vernon Dr. | Encino | California | 91316 | (631) 378-7... | gretchen.sa... |
| C000010010 | Rajat | Namdev | 7738 Pheas... | Pearland | Texas | 77584 | (607) 334-9... | rajat.namde... |
| C000010011 | Dheeraj | Panchal | 42 8th St. | Denton | Texas | 76205 | (845) 316-2... | dheeraj.pan... |
| C000010012 | Kratika | Sharma | 350 S. Look... | Houston | Texas | 77064 | (212) 558-3... | kratika.shar... |
| C000010013 | Kapil | Patidar | 46 Oxford S... | Houston | Texas | 77092 | (917) 867-0... | kapil.patidar... |
| C000010014 | Himanshu | Parashar | 451 Temple ... | Mesquite | Texas | 75150 | (617) 876-3... | himanshu.p... |
| C000010015 | Kalyani | Pathak | 7068 Elm Rd. | Arlington | Texas | 76014 | (254) 398-8... | kalyani.path... |
| C000010016 | Aashita | Naik | 4983 Clair S... | Waco | Texas | 76706 | (254) 652-9... | aashita.naik... |
| C000010017 | Minal | Shah | 7023 Maole ... | Arlington | Texas | 76011 | (860) 678-1... | minal.shah... |

Help < Back Next > Finish Cancel

Step 4: Choose the columns as required. Click Next.

Data Import Wizard - Step 3 of 5

Choose Columns

Select the columns to import from the data set and arrange them in the order you want.

Available Columns

Selected Columns

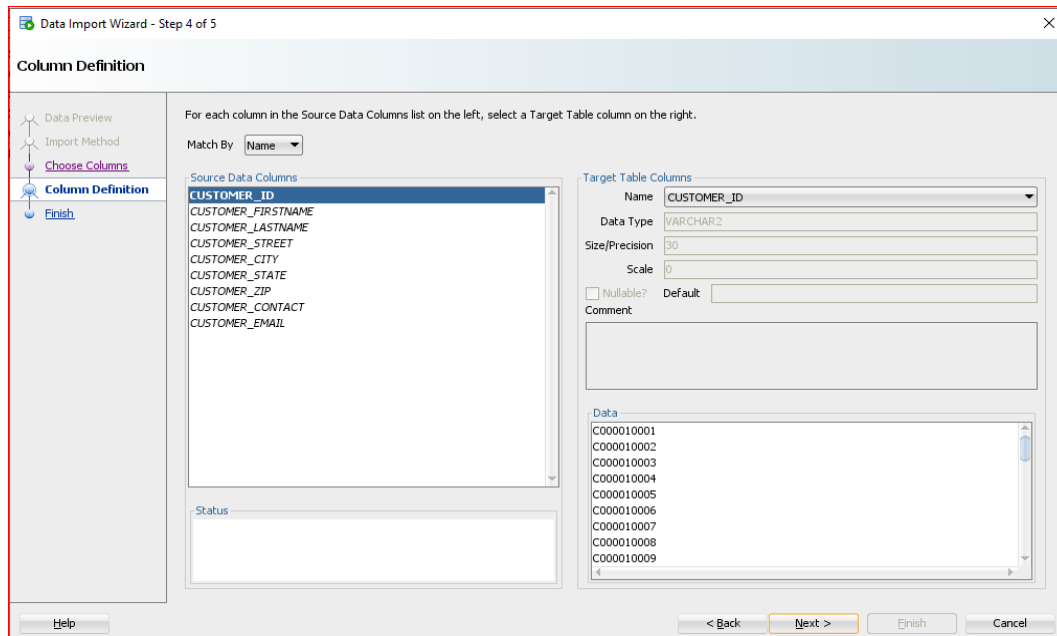
CUSTOMER_ID
CUSTOMER_FIRSTNAME
CUSTOMER_LASTNAME
CUSTOMER_STREET
CUSTOMER_CITY
CUSTOMER_STATE
CUSTOMER_ZIP
CUSTOMER_CONTACT
CUSTOMER_EMAIL

File Contents

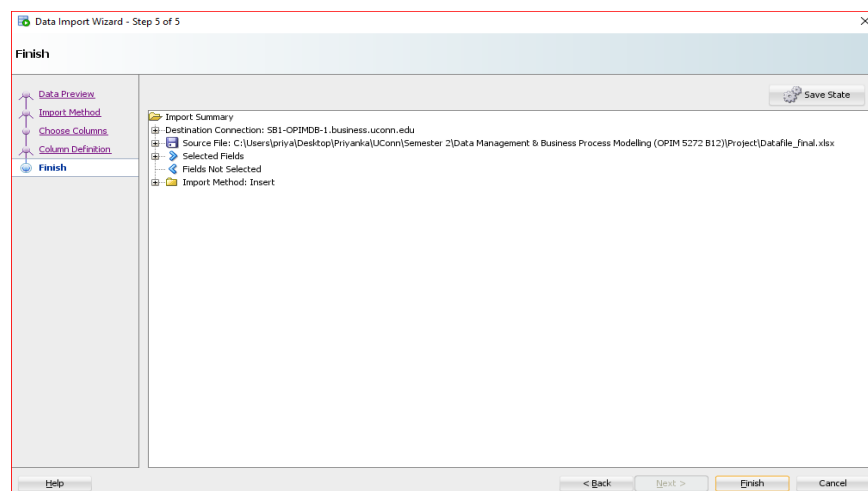
| | | | | | | | | |
|-------------|-------------|-------------|-----------------|---------------|-------------|-------------|----------------|----------------|
| CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... | CUSTOMER... |
| C000010001 | John | Gill | 910 Vine Str... | Campbell | California | 95008 | (323) 875-6... | john.gill@g... |
| C000010002 | Matt | Hatch | 769C Honey... | Redondo Be... | California | 90278 | (323) 854-1... | matt.hatch... |
| C000010003 | Aoja | Cashmen | 107 River Dr. | Sacramento | California | 95820 | (860) 563-7... | aoja.cashm... |

Help < Back Next > Finish Cancel

Step 5: In this tab, make sure there are no warning signs besides the column names under Source Data Column. It should be exactly and properly mapped to Target table columns as given on right. Proceed once all the warnings are cleared.



Step 6: Once you click “Finish”, the data would be imported.



We followed these steps to load and import data in all the 15 tables.

Reports

2.1 Report 1

- **Purpose:** To analyze and compare month wise count of number of returns raised, total number of returns approved, and total number of returns rejected.
- **Benefit:** Helps track historical and current business performance. Also helps in predicting month end numbers and serves as data for planning into the future.
- **Use in business metric:** This report enables us to see as to how many total returns were created in a month, thereby enabling us to see the pattern of return creation and compare the same month wise. Apart from this, it further shows us as to how many returns from those created, were approved and rejected. Helps in tracking business performance. Can help in pointing out problems within the return process. Returns approved, rejected, and those not terminated gives a view of overall return performance. It also showcases where the bottleneck in the system might be. Too many rejected returns can lead to poor customer overview, whereas too less rejected returns can mean angry sellers and a poor profit/loss performance.
- **SQL Query:**

```
select to_char(r13.return_date,'fmMonth YYYY') as Months,
       count(distinct(r13.return_id)) as "Total returns raised",
       sum(decode(r13.return_status,'RETURN_APPROVED',1,0)) as "Returns Approved",
       sum(decode(r13.return_status,'RETURN_REJECTED',1,0)) as "Returns Rejected",
       sum(case when r13.return_status not in ('RETURN_APPROVED', 'RETURN_REJECTED') then 1 else 0 end) as "Other Returns"
from prp20002.return13 r13
group by to_char(r13.return_date,'fmMonth YYYY')
order by substr(to_char(r13.return_date,'fmMonth YYYY'),-4,4),
       (case when to_char(r13.return_date,'fmMonth YYYY') like 'Jan%' then 1
            when to_char(r13.return_date,'fmMonth YYYY') like 'Feb%' then 2
            when to_char(r13.return_date,'fmMonth YYYY') like 'Mar%' then 3
            when to_char(r13.return_date,'fmMonth YYYY') like 'Apr%' then 4
            when to_char(r13.return_date,'fmMonth YYYY') like 'May%' then 5
            when to_char(r13.return_date,'fmMonth YYYY') like 'Jun%' then 6
            when to_char(r13.return_date,'fmMonth YYYY') like 'Jul%' then 7
            when to_char(r13.return_date,'fmMonth YYYY') like 'Aug%' then 8
            when to_char(r13.return_date,'fmMonth YYYY') like 'Sep%' then 9
            when to_char(r13.return_date,'fmMonth YYYY') like 'Oct%' then 10
            when to_char(r13.return_date,'fmMonth YYYY') like 'Nov%' then 11
            when to_char(r13.return_date,'fmMonth YYYY') like 'Dec%' then 12 end);
```

- **Output:**

| | MONTHS | Total returns raised | Returns Approved | Returns Rejected | Other Returns |
|----|----------------|----------------------|------------------|------------------|---------------|
| 1 | June 2020 | 1 | 0 | 1 | 0 |
| 2 | July 2020 | 4 | 0 | 1 | 3 |
| 3 | August 2020 | 2 | 0 | 0 | 2 |
| 4 | September 2020 | 2 | 1 | 1 | 0 |
| 5 | October 2020 | 1 | 0 | 0 | 1 |
| 6 | November 2020 | 3 | 0 | 2 | 1 |
| 7 | December 2020 | 1 | 1 | 0 | 0 |
| 8 | January 2021 | 2 | 0 | 0 | 2 |
| 9 | February 2021 | 3 | 0 | 0 | 3 |
| 10 | March 2021 | 2 | 1 | 1 | 0 |
| 11 | April 2021 | 2 | 0 | 0 | 2 |

2.2 Report 2

- **Purpose:** Incentivize customers for better return performance
- **Benefit:** Customer retention and promoting better buyers to spend more on platform
- **Use in business metric:** Customers with less returns leads to a better profit and loss statement for the company. In lieu of this, the company is incentivizing customers with better behavior by offering them more discounts and ensuring they retain the business with them. This analysis can also be used to show customers how far they are from a higher tier and to educate them on better return practices.

- SQL Query:

```
select o.customer_id, sum(o.order_amt) order_amt, decode(r.return_amt, null, 0, r.return_amt) as Ret_amt, decode(p.PRTO_return_amt, null, 0, p.PRTO_return_amt) as PRTO_ret_amt,
(decode(r.return_amt, null, 0, r.return_amt) + decode(p.PRTO_return_amt, null, 0, p.PRTO_return_amt)) as total_return,
case
  when (decode(r.return_amt, null, 0, r.return_amt) + decode(p.PRTO_return_amt, null, 0, p.PRTO_return_amt)) < 1000
  then '10%'
  when (decode(r.return_amt, null, 0, r.return_amt) + decode(p.PRTO_return_amt, null, 0, p.PRTO_return_amt)) between 1000 and 5000
  then '5%'
  when (decode(r.return_amt, null, 0, r.return_amt) + decode(p.PRTO_return_amt, null, 0, p.PRTO_return_amt)) between 5000 and 10000
  then '2%'
  else '0%'
end as "Discount on Next Order"
from prp20002.orderl3 o
left join (select r.customer_id, sum(r1.return_line_amount) as return_amt
  from prp20002.return_line r1
  left join prp20002.returnl3 r on r.return_id = r1.return_id
  group by r.customer_id) r on
r.customer_id = o.customer_id
left join (select o.customer_id, sum(pro.partial_rto_ret_amt) as PRTO_return_amt
  from prp20002.partial_rto_order pro
  left join prp20002.orderl3 o on o.order_id = pro.order_id
  group by o.customer_id) p on
p.customer_id = o.customer_id
group by
o.customer_id, decode(r.return_amt, null, 0, r.return_amt), decode(p.PRTO_return_amt, null, 0, p.PRTO_return_amt),
(decode(r.return_amt, null, 0, r.return_amt) + decode(p.PRTO_return_amt, null, 0, p.PRTO_return_amt)),
case
  when (decode(r.return_amt, null, 0, r.return_amt) + decode(p.PRTO_return_amt, null, 0, p.PRTO_return_amt)) < 1000
  then '10%'
  when (decode(r.return_amt, null, 0, r.return_amt) + decode(p.PRTO_return_amt, null, 0, p.PRTO_return_amt)) between 1000 and 5000
  then '5%'
  when (decode(r.return_amt, null, 0, r.return_amt) + decode(p.PRTO_return_amt, null, 0, p.PRTO_return_amt)) between 5000 and 10000
  then '2%'
  else '0%'
end
order by o.customer_id;
```

- Output:

| | CUSTOMER_ID | ORDER_AMT | RET_AMT | PRTO_RET_AMT | TOTAL_RETURN | Discount on Next Order |
|----|-------------|-----------|---------|--------------|--------------|------------------------|
| 1 | C000010003 | 11627 | 0 | 7166 | 7166 | 2% |
| 2 | C000010004 | 4537 | 0 | 0 | 0 | 10% |
| 3 | C000010005 | 23727 | 11759 | 2720 | 14479 | 0% |
| 4 | C000010006 | 48417 | 9713 | 160 | 9873 | 2% |
| 5 | C000010007 | 46117 | 6372 | 2168 | 8540 | 2% |
| 6 | C000010008 | 67088 | 13158 | 1040 | 14198 | 0% |
| 7 | C000010010 | 20128 | 0 | 0 | 0 | 10% |
| 8 | C000010011 | 17887 | 0 | 0 | 0 | 10% |
| 9 | C000010012 | 16455 | 7514 | 0 | 7514 | 2% |
| 10 | C000010013 | 12679 | 6848 | 0 | 6848 | 2% |
| 11 | C000010014 | 47218 | 0 | 3424 | 3424 | 5% |
| 12 | C000010015 | 33497 | 7340 | 0 | 7340 | 2% |
| 13 | C000010016 | 9168 | 0 | 0 | 0 | 10% |
| 14 | C000010017 | 4496 | 0 | 0 | 0 | 10% |
| 15 | C000010018 | 2685 | 0 | 0 | 0 | 10% |
| 16 | C000010019 | 29707 | 611 | 546 | 1157 | 5% |
| 17 | C000010020 | 3714 | 2626 | 0 | 2626 | 5% |
| 18 | C000010021 | 4921 | 0 | 0 | 0 | 10% |
| 19 | C000010025 | 1519 | 0 | 0 | 0 | 10% |
| 20 | C000010026 | 38503 | 2878 | 0 | 2878 | 5% |
| 21 | C000010027 | 24478 | 0 | 0 | 0 | 10% |
| 22 | C000010028 | 23121 | 2091 | 204 | 2295 | 5% |
| 23 | C000010029 | 27620 | 0 | 4270 | 4270 | 5% |
| 24 | C000010034 | 5610 | 0 | 0 | 0 | 10% |
| 25 | C000010035 | 5561 | 0 | 0 | 0 | 10% |
| 26 | C000010036 | 7472 | 4675 | 0 | 4675 | 5% |
| 27 | C000010037 | 13663 | 0 | 0 | 0 | 10% |
| 28 | C000010038 | 15707 | 884 | 0 | 884 | 10% |
| 29 | C000010039 | 22792 | 0 | 0 | 0 | 10% |
| 30 | C000010040 | 34450 | 5440 | 0 | 5440 | 2% |

2.3 Report 3

- **Purpose:** Seller dashboard
- **Benefit:** Can be used to monitor seller performance
- **Use in business metric:** This can be used to track and measure seller's returns performance.

A seller with high return can be detrimental to the business. Catching such a seller behavior early is beneficial to the business. This can also be used to incentivize sellers in the future and decide if we need to part ways with a seller or not.

- **SQL Query:**

```
SELECT s.seller_id
, temp.amt "Order_Amount"
, CASE WHEN temp.return_status = 'RETURN_APPROVED' THEN temp.ret_amt else 0 END "Returns_Approved"
, CASE WHEN temp.return_status = 'RETURN_REJECTED' THEN temp.ret_amt else 0 END "Returns_Rejected"
, CASE WHEN temp.return_status = 'RETURN_COMPLETE' THEN temp.ret_amt else 0 END "Refunded"
, CASE WHEN temp.return_status = 'RETURN_LOST' THEN temp.ret_amt else 0 END "Returns_Lost"
, CASE WHEN temp.return_status = 'RETURN_RVP_ABSORBED' THEN temp.ret_amt else 0 END "Returns Logistics Issue"
, CASE WHEN temp.return_status = 'RETURN_IN_TRANSIT' THEN temp.ret_amt else 0 END "Returns_In_Transit"
FROM prp20002.seller s
LEFT JOIN (SELECT distinct o.seller_id, r13.return_status, SUM(o.order_amt) amt, SUM(r1.return_line_amount) ret_amt
FROM prp20002.orderl3 o
LEFT JOIN prp20002.order_line ol on o.order_id = ol.order_id
LEFT JOIN prp20002.return_line rl on rl.order_line_id = ol.order_line_id
LEFT JOIN prp20002.returnl3 r13 on r13.return_id = rl.return_id
GROUP BY o.seller_id, r13.return_status ) temp
ON temp.seller_id = s.seller_id
ORDER BY "Returns_Approved" DESC;
```

- **Output:**

| | SELLER_ID | Order_Amount | Returns_Approved | Returns_Rejected | Refunded | Returns_Lost | Returns Logistics Issue | Returns_In_Transit |
|----|------------|--------------|------------------|------------------|----------|--------------|-------------------------|--------------------|
| 1 | S000000985 | 13696 | 6848 | 0 | 0 | 0 | 0 | 0 |
| 2 | S000000990 | 7938 | 3969 | 0 | 0 | 0 | 0 | 0 |
| 3 | S000000984 | 6756 | 2091 | 0 | 0 | 0 | 0 | 0 |
| 4 | S000000992 | 152845 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | S000000990 | 9696 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | S000000987 | 40910 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | S000000997 | 6726 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | S000000994 | 5902 | 0 | 0 | 2951 | 0 | 0 | 0 |
| 9 | S000000999 | 82103 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | S000000984 | 13052 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | S000000994 | 41607 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | S000000991 | 14025 | 0 | 4675 | 0 | 0 | 0 | 0 |
| 13 | S000000998 | 2896 | 0 | 2496 | 0 | 0 | 0 | 0 |
| 14 | S000000988 | 35073 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | S000000997 | 26545 | 0 | 0 | 14159 | 0 | 0 | 0 |
| 16 | S000000992 | 11376 | 0 | 4440 | 0 | 0 | 0 | 0 |
| 17 | S000000990 | 64100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | S000000999 | 858 | 0 | 0 | 0 | 611 | 0 | 0 |
| 19 | S000000995 | 5252 | 0 | 0 | 0 | 0 | 0 | 2626 |
| 20 | S000000999 | 3440 | 0 | 1720 | 0 | 0 | 0 | 0 |
| 21 | S000000990 | 4986 | 0 | 2493 | 0 | 0 | 0 | 0 |
| 22 | S000000993 | 5756 | 0 | 0 | 2878 | 0 | 0 | 0 |
| 23 | S000000995 | 26531 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | S000000994 | 10288 | 0 | 5144 | 0 | 0 | 0 | 0 |
| 25 | S000000997 | 13152 | 0 | 0 | 0 | 0 | 6576 | 0 |
| 26 | S000000996 | 12832 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | S000000993 | 66404 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | S000000998 | 115793 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | S000000985 | 8244 | 0 | 0 | 4122 | 0 | 0 | 0 |
| 30 | S000000989 | 30290 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | S000000983 | 69774 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 | S000000999 | 5554 | 0 | 0 | 2777 | 0 | 0 | 0 |
| 33 | S000000998 | 4772 | 0 | 0 | 884 | 0 | 0 | 0 |
| 34 | S000000985 | 33552 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | S000000990 | 12614 | 0 | 0 | 6729 | 0 | 0 | 0 |
| 36 | S000000986 | 31448 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | S000000991 | 57972 | 0 | 0 | 0 | 0 | 0 | 0 |

2.4 Report 4

- **Purpose:** Customer perception of return as time taken to complete increases
- **Benefit:** Derive insights to improve business performance
- **Use in business metric:** Gives an aim for the timeline to target to complete a return to increase customer satisfaction. A better return experience increases customer engagement and trust with the platform and promotes healthy return behavior.

- **SQL Query:**

```
SELECT CASE WHEN temp.ndays < 3 THEN '0 to 2 days'
            WHEN temp.ndays < 5 AND temp.ndays > 2 THEN '3 to 5 days'
            WHEN temp.ndays < 7 AND temp.ndays > 3 THEN '4 to 6 days'
            WHEN temp.ndays < 9 AND temp.ndays > 5 THEN '6 to 8 days'
            WHEN temp.ndays < 11 AND temp.ndays > 8 THEN '8 to 10 days'
            WHEN temp.ndays > 10 THEN 'More than 10 days' END "Number_of_Days"
, AVG(temp.review_rating) "average_review_rating"
FROM prp20002.returnl3 r13
LEFT JOIN (SELECT rst.return_id, (rst.new_status_timestamp - r.return_date) ndays, r.review_rating
            FROM PRP20002.return_state_transition rst
            LEFT JOIN PRP20002.returnl3 r
            ON r.return_id = rst.return_id
            WHERE rst.current_active = 1) temp ON r13.return_id = temp.return_id
WHERE r13.return_status = 'RETURN_COMPLETE' or r13.return_status = 'RETURN_APPROVED'
GROUP BY CASE WHEN temp.ndays < 3 THEN '0 to 2 days'
            WHEN temp.ndays < 5 AND temp.ndays > 2 THEN '3 to 5 days'
            WHEN temp.ndays < 7 AND temp.ndays > 3 THEN '4 to 6 days'
            WHEN temp.ndays < 9 AND temp.ndays > 5 THEN '6 to 8 days'
            WHEN temp.ndays < 11 AND temp.ndays > 8 THEN '8 to 10 days'
            WHEN temp.ndays > 10 THEN 'More than 10 days' END;
```

- **Output:**

| | Number_of_Days | average_review_rating |
|---|-------------------|-----------------------|
| 1 | 0 to 2 days | (null) |
| 2 | 3 to 5 days | 9 |
| 3 | More than 10 days | 7.5 |
| 4 | 8 to 10 days | 8 |
| 5 | 6 to 8 days | 8 |

2.5 Report 5

- **Purpose:** Test performance for the added feature
- **Benefit:** Partial RTO helps to avoid additional or repetitive logistics cost and helps us deliver more when instead a return would have happened

- **Use in business metric:** In case the buyer doesn't want the complete order, and the cost for taking the order back to warehouse is significant due to B2B market, a partial invoice is generated and the customer can keep the part of the order they like. This helps deliver more product and make sure of the already invested logistics cost for that particular order.
- **SQL Query:**

```
SELECT ol3.seller_id
, SUM(CASE WHEN ol3.order_status = 'ORDER_DELIVERED' THEN ol3.order_amt ELSE 0 END) "Delivered_Value"
, SUM(CASE WHEN ol3.order_status = 'ORDER_PARTIAL_RTO' THEN temp.e_amt ELSE 0 END) "Partially_or_Extra_Delivered"
FROM prp20002.orderl3 ol3
LEFT JOIN (SELECT pro.order_id, SUM(pro.partial_rto_del_amt) e_amt
FROM PRP20002.partial_rto_order pro
GROUP BY pro.order_id) temp ON temp.order_id = ol3.order_id
GROUP BY ol3.seller_id;
```

- **Output:**

| | SELLER_ID | Delivered_Value | Partially_or_Extra_Delivered |
|----|------------|-----------------|------------------------------|
| 1 | S000000993 | 31783 | 0 |
| 2 | S000000991 | 21883 | 2284 |
| 3 | S000000998 | 55799 | 0 |
| 4 | S000000990 | 41419 | 6240 |
| 5 | S000000996 | 6532 | 0 |
| 6 | S000000992 | 65248 | 4813 |
| 7 | S000000988 | 15701 | 2472 |
| 8 | S000000997 | 23435 | 884 |
| 9 | S000000986 | 21508 | 0 |
| 10 | S000000984 | 7450 | 0 |
| 11 | S000000995 | 16196 | 0 |
| 12 | S000000989 | 14381 | 1989 |
| 13 | S000000985 | 32099 | 0 |
| 14 | S000000983 | 35640 | 448 |
| 15 | S000000994 | 26367 | 2024 |
| 16 | S000000987 | 23373 | 0 |
| 17 | S000000999 | 39058 | 2463 |

Swim Lane Diagram

