**Documentation:**

1. Understand the data set that we have and check how we can map them to each other. I believe the two data sets which Vismaya has worked on have already been mapped. Try to find the mapping between Transaction data (our primary data) to UnitPriceUpdateHistory\_New.csv and SalesOrderDetails.
2. I need a data summary of numerical variables by each categorical variable in the transaction.csv file. I mean minimum, maximum, mean, median, percentiles (you can have more – more the merrier). Plz ignore the Arabic variables as we have the same thing in English.

Some of the important numerical variables are:

| procedure\_area |
| --- |
| actual\_worth |
| meter\_sale\_price |
| rent\_value |
| meter\_rent\_price |

1. Create a data set with removing the Arabic variables and convert the instance\_date as date variable. Create columns as ‘Month’, ‘year’ and ‘Month year’ from instance date.
2. If you can get recession or economic downtime data from the internet for year or month year (for Dubai) – plz download and have it ready.
3. Since we got the data mapping - can we pick one parent name from UnitPriceUpdateHistory and pull all the data of transaction data using Project\_name\_en = parent name.

Probably we can check for a couple of parent names.

1. Factors influencing the sales price:

Building completion date to Booking date - could be one influencing factor in price.

Delay in completion

Change in price - within a short period - what could be the reason behind it?

% of units sold/unsold

Demanding unit - based on % of sold

Project launch date to booking date - or registration date.

Project launch date to completion date

Broker info - fee and would it help?

Launch or inventory

Unit saleable area, terrace area, reservation fee and total installment number.

1. Queries on data:
2. Plz explain what are rent\_value, meter\_rent\_price, no\_of\_parties\_role\_1, no\_of\_parties\_role\_2, and no\_of\_parties\_role\_3.

| Data file | Column Name | Dictionary Description | Values in there |
| --- | --- | --- | --- |
| Transactions.csv | Rent\_vlue | the mortgage value in lease to own procedures | 87537, 59848, 39820, 268377 |
| Transactions.csv | meter\_rent\_price | the mortgage price per meter in lease to own procedures | 3012.43, 5812.5, 7650, 828.22, 740.14 |
| Transactions.csv | no\_of\_parties\_role\_1 | number of transaction's parties with first role (seller , mortgagor .. Etc ) | Numbers up to 703 are there. |
| Transactions.csv | no\_of\_parties\_role\_2 | number of transaction's parties of second role (buyer , mortgagee .. Etc ) | 1 to 29 are there along with null |
| Transactions.csv | no\_of\_parties\_role\_3 | number of transaction's parties of third role (lessee , usufrutor .. Etc ) | 1- 17 and null |