"C:\Users\Amine Lahouani\anaconda3\python.exe" "C:\Users\Amine Lahouani\PycharmProjects\Data Engineering\Recruitement\_workable\Workable\_Recruitment\_Data\_Wrangling \_Project\_17\_08\_2023\main.py"

### All Input Files have been imported successfully ###

#### Preliminary Processing Stage ###

1. Merge activity report with the activity dictionary

- Total rows from source : 156662 (100.00%)

- Length of activity\_report\_df before merge: 156662

- Length of activity\_dict\_df before merge: 60

- Length of DataFrame before filtering out talent pool : 156662

2. Replace move to job/copied to job XX with "moved to job position" in New\_Activity column and act\_is\_step = 1

3. Filter out activities which are not a step

- Total rows with Activity is Step : 63731 (40.68%)

- Total rows dropped in this step: 92931

5. Filter out rows with empty Candidate Name and activity is reffered

- Total rows with Candidate Name : 63731 (40.68%)

- Total rows dropped in this step: 0

- Total rows without reffered a candidate : 62925 (40.17%)

- Total rows dropped in this step: 806

4. Merge with HR\_dictionary to create the column HR\_is\_Name

5. Separate Candidates with Moved to Job position from the rest

Candidates without Moved to Job position :

- Number of rows: 52940

- Percentage relative to total rows: 33.79%

- Number of unique application IDs: 22638

######### Moved to Job Position Phase in Progress ... #################

\* Candidates with Moved to Job , First only :

\* Candidates with Moved to Job position First Only :

Number of rows: 528

Percentage relative to total rows: 0.34%

Number of unique application IDs: 178

Candidates with Moved to Job 1+ :

Number of rows: 9455

Percentage relative to total rows: 6.04%

Number of unique application IDs: 1502

- Total rows with After before final processing : 62923 (40.16%)

- Total rows dropped in this step: 93739

########## Final Processing Stage #########

########## Final Processing Stage DONE . #########

- Total rows with After after final processing : 62561 (39.93%)

- Total rows dropped in this step: 93739

######### Moved to Job Position Phase DONE . #################

######### PROCESS STEP MAPPING Phase in Progress .... #################

1. Drop KO applications : Applications without a valid unique\_ID

- Total rows before this stage : 62561 (39.93%)

- Total rows without KOs: 62561 (39.93%)

- Total rows dropped in this step: 0

- Total applications dropped at this step : 0

- Total rows for HR Manual review: 0 (0.00%)

2. Process Step Mapping

- Set the cuttoff date to 01-01-2022 for archived jobs ( e.g 01-01-1970 ---> 01-01-2022)

- Total rows after Process Step Mapping : 62561 (39.93%)

- Total rows dropped in this step: 0

- Total rows after drpping empty process steps: 57949 (36.99%)

- Total rows dropped/added in this step: -98713

- Total rows before adding applied :57949

- Total rows after adding applied if applicable: 63255 (40.38%)

- Total rows dropped/added in this step: -93407

- Calculate time diffrence from autotest for vanilla Ids :

- Calculate time diffrence from HR interview for Non-vanilla Ids :

- Drop duplicates on the process step column for each unique\_ID (Only keep the last one)

- Total rows before dropping duplicates : 60402 (38.56%)

- Total rows dropped in this step: -96260

- Total rows After Process step stage : 60402 (38.56%)

- Total rows dropped/added in this step: -96260

######### PROCESS STEP MAPPING Phase Done . #################

################################# RANKING PROC in PROGRESS ####################################################

################################# RANKING COMPLETED SUCCESFULLY ####################################################

############################# OFFER REJECTION + RECRUITERS MAPPING IN PROGRESS ####################################

###################### OFFER REJECTION + RECRUITERS MAPPING COMPLETED SUCCESFULLY ##################################

- Total rows after Golden source : 60402 (38.56%)

- Total rows dropped/added in this step: -96260

- Number of unique applications in KO after ranking processor : 724

- Number of unique applications in in KO from ranking processor that been hired : 9