```
Python 3.8.8 (default, Apr 13 2021, 15:08:03) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.
IPython 7.22.0 -- An enhanced Interactive Python.
                   'C:/Users/PGosavi/DownLoads/test/main.py'
                                                                           = 'C:/Users/PGosavi/DownLoads/
In [1]:
test'
----- Operation Start ------
Current path = 'C:\Users\PGosavi\Downloads\test.'
Filename = 'C:\Users\PGosavi\Downloads\test\fifa_eda_stats.csv.'
        ID
                                    Age ... GKPositioning GKReflexes Release Clause
                             Name
0
  158023
                        L. Messi
                                                         14.0
                                                                         8.0
                                                                                        €226.5M
                                     31
                                         . . .
    20801 Cristiano Ronaldo
                                                         14.0
                                                                        11.0
                                                                                        €127.1M
1
                                    33
                                         . . .
2 190871
                       Neymar Jr
                                     26 ...
                                                         15.0
                                                                        11.0
                                                                                       €228.1M
3 193080
                                                                        94.0
                          De Gea
                                     27
                                                         88.0
                                                                                        €138.6M
                                         . . .
4 192985
                   K. De Bruyne
                                                         10.0
                                                                        13.0
                                                                                        €196.4M
                                     27 ...
[5 rows x 57 columns]
Columns : ['ID', 'Name', 'Age', 'Nationality', 'Overall', 'Potential', 'Club', 'Value',
'Wage', 'Preferred Foot', 'International Reputation', 'Weak Foot', 'Skill Moves', 'Work
Rate', 'Body Type', 'Position', 'Jersey Number', 'Joined', 'Loaned From', 'Contract Valid Until', 'Height', 'Weight', 'Crossing', 'Finishing', 'HeadingAccuracy', 'ShortPassing',
'Volleys', 'Dribbling', 'Curve', 'FKAccuracy', 'LongPassing', 'BallControl', 'Acceleration', 'SprintSpeed', 'Agility', 'Reactions', 'Balance', 'ShotPower', 'Jumping', 'Stamina', 'Strength', 'LongShots', 'Aggression', 'Interceptions', 'Positioning', 'Vision', 'Penalties', 'Composure', 'Marking', 'StandingTackle', 'SlidingTackle', 'GKDiving',
'GKHandling', 'GKKicking', 'GKPositioning', 'GKReflexes', 'Release Clause']
Path = 'C:\Users\PGosavi\Downloads\test\extracted'.
Directory 'C:\Users\PGosavi\Downloads\test\extracted' created.
Filename = 'C:\Users\PGosavi\Downloads\test\extracted\Extracted Data.csv.'
File 'C:\Users\PGosavi\Downloads\test\extracted\Extracted Data.csv' created.
Path = 'C:\Users\PGosavi\Downloads\test\transformed'.
Directory 'C:\Users\PGosavi\Downloads\test\transformed' created.
Filename = 'C:\Users\PGosavi\Downloads\test\transformed\Transformed Data.csv.'
```

```
File 'C:\Users\PGosavi\Downloads\test\transformed\Transformed Data.csv' created.
Path = 'C:\Users\PGosavi\Downloads\test\loaded'.
Directory 'C:\Users\PGosavi\Downloads\test\loaded' created.
Filename = 'C:\Users\PGosavi\Downloads\test\loaded\Loaded Data.csv.'
File 'C:\Users\PGosavi\Downloads\test\loaded\Loaded Data.csv' created.
----- SRC Data -----
Path = 'C:\Users\PGosavi\Downloads\test\extracted'.
Filename = 'C:\Users\PGosavi\Downloads\test\extracted\Extracted Data.csv.'
      ID
                      Name Age Nationality
                                                  Joined Weight
0 158023
                                  Argentina
                                            Jul 1, 2004 159lbs
                   L. Messi
                            31
                                   Portugal Jul 10, 2018 1831bs
1
   20801 Cristiano Ronaldo
                            33
2 190871
                                     Brazil
                                             Aug 3, 2017 150lbs
                 Neymar Jr
                            26
3 193080
                    De Gea
                             27
                                      Spain
                                             Jul 1, 2011 168lbs
                                    Belgium Aug 30, 2015 154lbs
4 192985
               K. De Bruyne
                             27
Row Count: 227
Column Count : 6
Columns : ['ID', 'Name', 'Age', 'Nationality', 'Joined', 'Weight_lbs']
----- TGT Data -----
Path = 'C:\Users\PGosavi\Downloads\test\loaded'.
Filename = 'C:\Users\PGosavi\Downloads\test\loaded\Loaded Data.csv.'
                       Age Nationality
                                           Joined Weight lbs
      ID
                  Name
0 118646 I. Henderson
                        33
                               England
                                       2013-02-26
1 179869
             G. Sawyer
                        32
                               England
                                       2015-07-01
                                                          148
2 167512
            S. Whalley
                        30
                               England
                                       2015-07-01
                                                          148
                               England
  172680
           S. Sinclair
                        30
                                        2014-07-29
                                                          148
  184801
            A. Fleming
                        30
                               England 2010-01-01
                                                          148
```

Row Count: 227

```
Column Count : 6
Columns : ['ID', 'Name', 'Age', 'Nationality', 'Joined', 'Weight_lbs']
----- Test Case ID : 1 ------
Row Count Check: Passed
Column Count Check: Passed
Column Names Check: Passed
Random Record Check : Failed
Path = 'C:\Users\PGosavi\Downloads\test\testing'.
Directory 'C:\Users\PGosavi\Downloads\test\testing' created.
Filename = 'C:\Users\PGosavi\Downloads\test\testing\Testing_Data.csv.'
File 'C:\Users\PGosavi\Downloads\test\testing\Testing_Data.csv' created.
Row Count: 227
Column Count : 6
Columns : ['ID', 'Name', 'Age', 'Nationality', 'Joined', 'Weight_lbs']
Row Count: 227
Column Count : 6
Columns : ['ID', 'Name', 'Age', 'Nationality', 'Joined', 'Weight_lbs']
----- Operation End -----
```

Ran 1 test in 0.301s

OK

In [2]: