Extract:

jlob

Composite functions

```
import glob

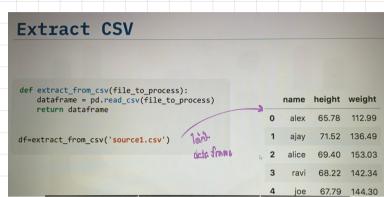
inpot Markhana

list_csv=glob.glob('*.csv')

list_csv:['source1.csv', 'source2.csv', 'source3.csv']

list_json=glob.glob('*.json')

list_json:['source1.json', 'source3.json', 'source2.json']
```



Function Extract CSV

```
def extract():
                                    # create an empty data frame to hold extracted data
                                    extracted_data = pd.DataFrame(columns=['name', 'height', 'weight'])
     65.78 110.99
                                    for csvfile in glob.glob("*.csv"): 2 local cor die min
                                        extracted_data = extracted_data.append(extract_from_csv(csvfile),
     69.40 190.03
                                     ignore_index=True)
      78.22 262.34
                                   #process all json files
for jsonfile in glob.glob("*.json"):
    extracted_data = extracted_data.append(extract_from_json(jsonfile),
     66.79 194.30
     65.78 112.99
     71.52 136.49
                                         ignore_index=True)
alice 69.40 153.03 OSV . 1/L
                                   return extracted_data
ravi 68.22 142.34
joe 67.79 144.30 on the motor for laid Header
```

Ignore index result

index height name weight height name weight 65.78 alex 112.99 1 71.52 71.52 ajay 136.49 2 69.40 alice 153.03 2 69.40 alice 153.03 3 68.22 68.22 ravi 142.34 67.79 ioe 144.30 0 65.78 65.78 alex 112.99 1 71.52 aiav 136.49 2 69.40 alice 153.03 71.52 ajay 136.49 69.40 alice 153.03 4 67.79 68.22 ravi 142.34

of the Falce index or make the

Original file militaral hila

index= True milk index 15 homor ron omanino

line has Header

In desta frame

13 note-index = True

ter in live to

Transforms

Conversion function

Load: . seve Data Frame 1974 . csv



Losging: • ETL win a an Darsh on on In 2

Logging Entries

Bungo ETZ:

```
log( "ETL Job Started" )

log( "Extract phase Started" )
extracted_data = extract()
log( "Extract phase Ended" )

log( "Transform Job Started" )
transformed_data = transform( extracted_data )
log( "Transform Job Ended" )

log( "Load Job Started" )
load( targetfile, transformed_data )
log( "Load Job Ended" )

log( "ETL Job Ended" )
```