# Raw data to clean date conversion

### Method-1

import pandas as pd

data1=pd.read\_excel(r"C:\Users\HP\OneDrive\Desktop\Dataset\datacleaning task.xlsx")

data1

address date time  
0 56th,ben colony,btm layout,banglore, 78909 2022-04-03 05:55:23  
1 20th, johns road, whitefield, banglore,567 2021-12-06 19:18:59

data1[["door","street","colony","city","picode"]]=data1["address"].str.split(',',expand=True)  
data1["date"]=data1["date"].astype('str')  
data1[["yr","mth","day"]]=data1["date"].str.split('-',expand=True)  
data1["time"]=data1["time"].astype('str')  
data1[["hr","min","sec"]]=data1["time"].str.split(':',expand=True)  
data1

address date time door \  
0 56th,ben colony,btm layout,banglore, 78909 2022-04-03 05:55:23 56th   
1 20th, johns road, whitefield, banglore,567 2021-12-06 19:18:59 20th   
  
 street colony city picode yr mth day hr min sec   
0 ben colony btm layout banglore 78909 2022 04 03 05 55 23   
1 johns road whitefield banglore 567 2021 12 06 19 18 59

### Method 2

data=pd.read\_excel(r"C:\Users\HP\OneDrive\Desktop\Dataset\raw.xlsx")

data

address date time  
0 56th,ben colony,btm layout,banglore, 78909 3rd apr 2022 05hr 55min 23sec  
1 20th, johns road, whitefield, banglore,567 06th dec 2021 19hr 18min 59sec

data[["door","street","colony","city","picode"]]=data["address"].str.split(',',expand=True)  
data[["yr","mth","day"]]=data["date"].str.split(expand=True)  
data[["hr","min","sec"]]=data["time"].str.split(expand=True)  
data

address date \  
0 56th,ben colony,btm layout,banglore, 78909 3rd apr 2022   
1 20th, johns road, whitefield, banglore,567 06th dec 2021   
  
 time door street colony city picode yr \  
0 05hr 55min 23sec 56th ben colony btm layout banglore 78909 3rd   
1 19hr 18min 59sec 20th johns road whitefield banglore 567 06th   
  
 mth day hr min sec   
0 apr 2022 05hr 55min 23sec   
1 dec 2021 19hr 18min 59sec