```
import pandas as pd
import warnings
warnings.filterwarnings("ignore")
dataset={"Roll_No":[1,1,2,2,1,2],
         "Subject":["DS","Java","DS","Java","DS","Java"],
         "Marks":[25,40,30,26,40,50],
         "Date":["01-01-2023","02-01-2023","01-01-2023","02-01-2023","15-01-2023","15-01-2023"]}
dataframe=pd.DataFrame(dataset)
print(dataframe)
       Roll_No Subject Marks
                          25 01-01-2023
    0
                    DS
                  Java
                           40 02-01-2023
    1
                           30 01-01-2023
    2
             2
                    DS
    3
             2
                  Java
                           26 02-01-2023
    4
                    DS
                           40 15-01-2023
    5
                           50 15-01-2023
             2
                  Java
dataframe['Date'] = pd.to_datetime(dataframe['Date'], format='%d-%m-%Y')
print(dataframe)
       Roll_No Subject Marks
                                    Date
    0
                           25 2023-01-01
                    DS
                           40 2023-01-02
                  Java
                           30 2023-01-01
    2
             2
                    DS
    3
                           26 2023-01-02
                  Java
    4
             1
                    DS
                           40 2023-01-15
    5
                           50 2023-01-15
                  Java
dataframe.sort_values(by=['Roll_No', 'Subject', 'Date'], ascending=[True, True, False], inplace=True)
result = pd.DataFrame(columns=['Roll_No', 'Subject', 'M1', 'M2', 'M3', 'Last_Attempt_Date'])
grouped = dataframe.groupby(['Roll_No', 'Subject'])
for (roll, subject), group in grouped:
   marks = group['Marks'].tolist()
   dates = group['Date'].tolist()
   m1 = marks[0] if len(marks) >= 1 else 0
   m2 = marks[1] if len(marks) >= 2 else 0
   m3 = marks[2] if len(marks) >= 3 else 0
   last_attempt_date = dates[0].strftime('%d-%m-%Y') if len(dates) >= 1 else None
    result = result.append({'Roll_No': roll,'Subject': subject,
        'M1': m1,
        'M2': m2,
        'M3': m3,
        'Last_Attempt_Date': last_attempt_date}, ignore_index=True)
print(result)
      Roll_No Subject M1 M2 M3 Last_Attempt_Date
    0
                   DS 40 25 0
                                        15-01-2023
                 Java 40 0 0
                                        02-01-2023
    1
    2
                   DS 30
                            0 0
                                        01-01-2023
    3
                 Java 50 26 0
                                        15-01-2023
```