

pandas

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-
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- groupby
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merge

```
df3 = df1.merge(df2, on = 'team_id', how = 'left')

# df1 , df2 , on =
# how = 'left' df1 df2 , how = 'right' df2 df1

#
# team_id
from functools import reduce

data_frames = [bats_pivot, sps_pivot, rps_pivot, cp, deck_final,
coach_pivot]
df_lineup = reduce(lambda left, right : pd.merge(left,right, on =
['team_id'], how='outer'), data_frames)
```

to_datetime

```
df['crt_date'] = pd.to_datetime(df['crt_date'])

# sql object crt_date
```

today = datetime.datetime.now()

today.strftime("%A, %B %dth %Y") , , ,

%a	()	Mon
%A	()	Monday
%w	(, 0~6, 0)	5
%d	(01~31)	23
%b	()	Nov
%B	()	November
%m	(, 01~12)	10
%y	()	16
%Y	()	2016
%H	(00~23)	14
%I	(00~12)	10
%p	AM/PM	AM
%M	(00~59)	34
%S	(00~59)	12
%f	(000000~999999)	413215
%Z		PST
%j	1 (001~366)	162
%U	1 (00~53,)	35
%W	1 (00~53,)	35

dropna

```
df2 = df1.dropna()  
# Na
```

```
df2 = df1.dropna(subset=['attendance'], inplace = True)  
# Na
```

<https://cleancode-ws.tistory.com/63>

to_numeric

```
df3['date_int'] = pd.to_numeric(df3['date'])

# 'date'      'date_int'
```

```
df4[df4.total_purchase == 0]

# total_purchase  0
```

```
df4 = df4.sort_values(by = 'total_purchase', ascending = True)
# 'total_purchase'    ( )

df3 = df3.sort_values(by=(['total_purchase', 'attendance']), ascending
= False)
# total_purchase      attendance  /
```

```
dataframe = pd.DataFrame(df3)
dataframe.to_csv('result.txt', header = True, index = False)
```

```
df2 = df1.groupby(['team_id', 'days']).agg({'profit': 'sum'})

#
df['total_purchase'] = df.groupby('team_id')['price'].transform('sum')
```

index : iloc

: loc

<https://azanewta.tistory.com/34>