Pandas

Monday, September 24, 2018 12:31 PM



Df.columns ==> gives column names

Selective columns



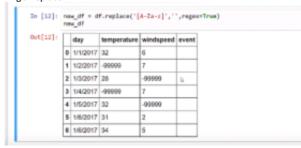
Drop rows if entry is Na for some columns

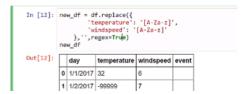


Dropna(how=ALL) only when all columns of the row are misisng

Replace functions:-->
Df.replace("9999", np.NaN)
Df.replace({dictionary details}, np.NaN)

REgexreplace







Set_index ==> sets as index

U can use loc[] based on the index value

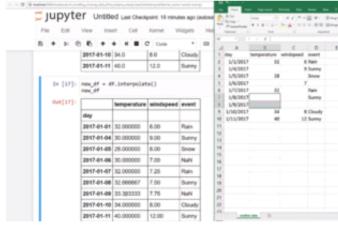
HANDLE MISSING DATA

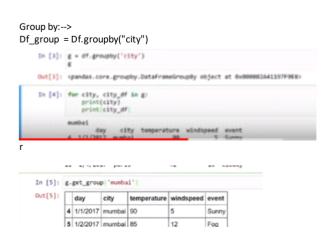
Df.fillna(<value to be replaced>)



Method =ffill==>carryforward prev value =bfill ==>next value









CONCATINATION:-

Pd.concat(DF1,DF2)

Axis =0==>append asrows Axis =1 ==>append as cols

Pivot table



Index = <>,cols = <> ,Aggfunc
="count"

MERGE

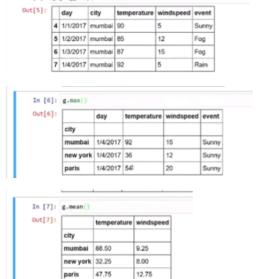
Pd.merge(df1,df2,on =<column name>)

Pd.merge(df1,df2, how ="outer")

Indicator = True tells whether the value was present in both

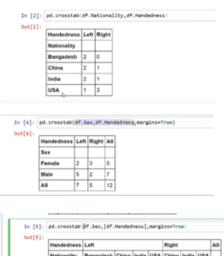
Pandas melt function:->

Pd.melt(df1,id_vars=[list of columns to keep



Crosstab

In [5]: g.get_group('mumbai')



Normalize=True gives the pecentage distribution

All