1. Windows functions:
   1. Cumulative functions:

Cumulative means lets take example of cumsum a[1],a[1]+a[2],a[1]+a[2]+a[3]

* 1. Rolling functions:

Rolling sum means if window is 2 nan, a[1]+a[2], a[2]+a[3],a[3]+a[4].

Rolling sum means if window is 3 nan, nan,a[1]+a[2]+a[3], a[2]+a[3]+a[4],a[3]+a[4]+a[5].

* 1. Expanding functions:

For min\_periods=2

Nan,a[1]+a[2],a[1]+a[2]+a[3]

1. Regular expression on df
   1. Filter()
   2. Contains()
   3. Findall()
   4. Replace()
   5. Extract()
   6. Extractall()
   7. Split()