**Pandas tasks**

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1. **Python packages in Drug Design field**

pyMol

openchem

prolif

1. **What is the largest number dataTypes are carried in python?**

There are rule that datatype carry

2n-1 -1 if it is signed

2n -1 if it is unsigned

int8 : carry -127 to 127

int16 : carry -32767 to 32767

int32 : carry -2147483648 to 2147483648

int64 : carry -9.22337203685E18 to 9.22337203685E18

float16 has 4 digits

float32 has 8 digits

float64 has 16 digits

1. Facebook use different types of database

Like MySQL,Haystack,Cassandra,scribe and Varinish.

1. **How to randomly select rows from Pandas DataFrame?**

import pandas as pd

n = 1000 #n is the number of rows

df = pd.read\_csv(‘filename’ , header=0 , skiprows = lambda i : i%n!=0)

5. **how to replace specific value in specific coloum?**

df.loc[df['Temperature']==35,'Temperature']=65