Does pandas interpret '7/1/2022 as January or July?

A. January

B. July

C. Can be both

D. All wrong

**ANSWER: B**

In pandas date\_range, what is the class of an individual object contained on it?

A. Timestamp

B. Period

C. TimestampIndex

D. PeriodIndex

**ANSWER: A**

What is the smallest time unit you can define in timestamp?

A. seconds

B. miliseconds

C. microseconds

D. nanoseconds

**ANSWER: D**

What is the smallest time unit you can define in period?

A. seconds

B. miliseconds

C. microseconds

D. nanoseconds

**ANSWER: D**

What letter can you use to only include business days in a period range?

A. A

B. B

C. C

D. D

**ANSWER: B**

What is the main difference between timestamp and period?

A. timestamp is a point in time while period is a period in time

B. period can only go to seconds while timestamp can go to nanoseconds

C. you cannot check the start and end of a period but you can with a timestamp

D. all above is wrong

**ANSWER: A**

What command can you use to set a column in a dataframe as dates?

A. dates

B. parse\_dates

C. infer\_dates

D. all above is wrong

**ANSWER: B**

What command can you use to set a column in a dataframe as dates?

A. dates

B. parse\_dates

C. infer\_dates

D. all above is wrong

**ANSWER: B**

What is the rule of thumb to use PACF to determine the parameter p for our AR model?

A. By looking at the first time where autocorrelation is **not** significant and choose that time as p

B. By looking at the last time where autocorrelation is **not** significant and choose that time as p

C. By looking at the last time where autocorrelation is significant even it is very far away on the past and choose that time as p

D. By looking at the first time where autocorrelation is **not** significant and choose the time **before** as p

**ANSWER: D**

What is the parameter for a model that differentiate one time, includes AR looking at every 2 period of time, and also include MR looking at every 3 period of time?

A. (2,3,1)

B. (2,1,3)

C. (3,1,2)

D. (1,2,3)

**ANSWER: B**