Time Series

21 March 2022 08:03

ML

ID name Age

1

2

3

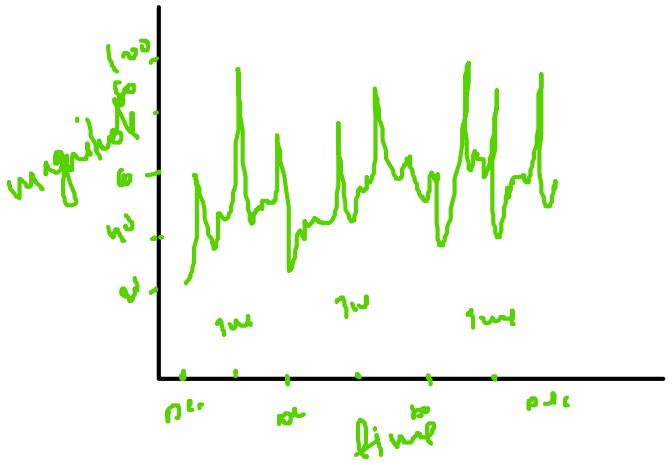
TSA

Regression Amount / magnitude / Value

21-03-22 →

22-03-22

23-03-22



	Date	Sales	
	20-03	12	-1
	21-03	11	-1
	22-03	15	-2
	24-03	10	-1
	25-03	9	-2
	27-03	12	-1
	28-03	11	-1
	29-03	13	

Resample 7 7 2 3 7

21-03	→	23
22-03	→	15
24-03	→	19
26-03	→	12
28-03	→	24

2 days

weekly 80-100 Animal adoption

hourly 500

original dates (str) → (datetime) resample . sum() . mean()

Date	value
19	3

20 - 15

Day	Value
19	8
20	7
22	6
23	9
24	11
26	8
27	7
28	10
30	12

2 days resample

20 - 15
22 - 06
24 - 20
26 - 08
28 - 17
30 - 12

Sales, Amount — mean()

All All

weather forecast

temp

1 - 40 } 2 - 77.5
2 37°
3 35° 2 - 36.5
4

2 day sale

Add → mean()

1 - 30 } 45
2 - 15

temp

1 - 36 = 2 = 75°
2 - 40

37.5

All

1 - 88 } - 118
30
2 -

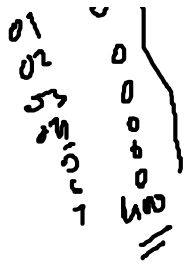
daily → weekly, monthly

weekly → daily ✗

when you do resampling
lower interval to higher ✓
higher interval to lower ✗

07-03-22 = 400

01 0
02 0
03 0



Hi