

10. pyspark mag = [12") nogo = v20 dires for c, d in data humidityes i tems () "Consper M=1000splits ("T") ) print m,d 1/1 11 X= VID Vijoin (map (str, m)) datatime -1=date time. data time. Stoptime Lo yamura - rogni, by 20 yash "/: y - i/m-i/- or "Hope 12 1 ) manor olobooby = " o/ol H; 1/5M: 0/05") Han (47)2. emit ileb by print (dottetime\_1, de) it ab @ write Csv = open (" file path for humidity", ") for row in 1: His most patt it my not for column in row: with cev. write (i fod !?) % column) write cer. write ('Ini) write csv. close () sont stab tropmi ·1. pysparle. (56) timportal pandos as potibined import numpy as np shappy of the composit a marplotlib pylablas plt 59) data = pd. data Frame ("file path for ocsv') 60) datiparse = lambda dales: pd. datitime. stoptime (dalig, ( lines ) sool and state of the leads ( lines ) data = pd. read/16sv ("path for o Csv), (1) parse - data = 'Month', index - al = 'Month', deti-pance-detipance)

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(62) plt. plot (data)	
(63) douta log = np. log (data) (64) Move Arg = pd. rolling_mean (data log,	12)
(65) plt. plot (data-log)	
(60) plt. plot (move-Avg, color = "red")	





