Period	Month	Actual	2-month moving AVQ -	3-month Meighted moving
ı	In	37	2= 675 L971	JAN (AN)
2.	Feb	40	= 	
3	Net	7510	(40+371/2=3850+39	
4	284	37	(41+40)/2 = 40.5 or 41	(4×41+2×40+1×37)/7=40
5	May	45	(37+41)/2=39	(4x37+2x4(+1x40)/7 =39
6	Jun	50	(45+37)/2 = 41 = 3	(4x45+2&7+1x41) (7 = 42)
7	J41	43	(BO+45)12 = 77.5064P	(4x50+2x45+1x37)/7=47
8	Aug	47	(43+50)/2 = 46.5 0 × 4.7	(4x43+2x50+1x45)/7=45
1	Sep	56	1 33 -	(4×47+2×43+1×50)/7=46
10	Oct	-	(54+47)/2=51.50052	(4x54+2x4++1x43)/7=52
			65 1	51 5

2-month movi	ing ItVG.	-/c. (1 530 =	1.58= 01+ SIFF + ++ V+E
MAD	MSE	MAPE	MAD = 5,029 A + 1) + P D + N E + M
(a-4) [6,1] =	11×754.0=	J-7, J-0 = 47.0	MSE 740.43 10 + 61.0 + 50.0
_	- , ,	-	MAPE = 11.29
141-391=2	(2)2 = 4	2/41=0.05	Fore to it is to to so to
137-41/=4	(4)2 = 14	4/37=0.11	Ćħ.
145-391=6	(4)2 = 36.	6/45=0.13	(MC+C+2)+3+,90
150-411=9	(9)2 = 81	9/50=0118	187. 10+0.FE) F. O+01.FE)
143-481=5	(5)2 = 25	5/43=0.12	List top feel what is
147-47 1= 0	0	Q: = ((,id.o.)) = 6	\$0-15 of 10 (40 51-0-13
156-451-11	(11)2 = 121	11/54 -0.20) = (1-388-34) F.O x 20.82)
5.29	40.43	11.29 83.	1 (12-12) FO > (S) - 4 L1-12) FO
		. 127,64	(47.20 x 0.7 (43-43.60)

2+4+6+9+5+0+11=37/7 =5,29 (MAD) -10 F. O + DP. NA) 4+14+34 +81+25+121+00= 2+3/7=40.143 (MSE) 6.05 to.11 to.13 to.18 to12 to to.20 = 79/7 = 0.11285×100 = 11.29 (MAPE)

3-month weights	edi AVG.			Tree in the
MAD	MSE	MAPE	MAD = 5.50- 8	1 1 2 1
		_	MSE = 38.17	2 110
-	_	pg1,68-	MHPE = 11.33	1 24 3
= 14 = F (500)		7	(12-613) - 58	264
1(37-40) = 3	(3)2 = .9	3/37=0:08	(14-48) = 24	1 May
1(45-39) = 6	:((6)2:=.36	6/45=10.13.	(2.0.24) - 0.2	1021 d
1(50-42) = 8	[8]2 -64	3/50=0.16	16 - 16 CC - 15	125 / 5
1(43-47)1=4	(4) = -16.	4/43=0.09	:::=8 4)	6 1 m
1(47-45)1=2	(2)2 = 4	2/47=0.04	P7 (4) 33	978
1(56-44)=10	(10)2 = 100	10/56=0.18	1773)	+1 + d
5.50	38.17	11.33		
3+6+++4+2		:5.50 (maa)	· 0 /4 - 1 - 2	a afrence
9+36+64+16+4			7214	√ ±B
0-08+0-13+0-14+			= 0.1133 × 100 =	= 11.33 (MARE)
Pu	1.y = 39410/			
Forecast with d:	=0.7	20.0= 141-51	f e. 701	= 108-171
40		11.0= fal. p	H = 1001 F	= /: / - + 8/
(40+0.7(37-40))=37.90	81.0 = 24 N. J.)= ps - 1p
(37.90+0.7(37.90				=1 +-021
13132 HO 1238-8				=40.51841
1377/ X8-448 (40	.51+0.7(37-	-40.51) = 38.05		= = + - + +
(38.05 + 0.7(45-				= 134-221
[42.12 +0.7(50-	42.92) = 47	. 28	64,54	Pri.2
(47.28 40.7(43				
(44.46 + 0.7 (47	-44.46)=46	5.24	1110121	+ 1 + 1 - 5
(44.24 + 0.7(5				18+11+1
		C. 2 + 0 / = 10+		
				1.72°,11 =

Forecast with	MSE 1	MAPE	MAD = 4.78
MAD			MSE = 29.44
(37-40) = 3	$(3)^2 = 9$	3/37=0.08	
1(40-381)=2	(2)2=4	2/40=0.05	MAPE = 10.56
1 (41-39) = 2	(2)2=4	2/41=0.05	
1(37-40)=4	(4)2=16	4/37=0.11	
1(45-38)=7	(7)2=49	7/45 = 0.14	
1(50-43)=7	(7)2=49	7/50=0.14	
1(43-48)=5	$(5)^2 = 25$	5/43 = 0.12	
1(47-44)1=3	(3)2=9	3/47=0.04	
1(54-44)(=10	(10)2=100	10/54=0.18	4
BUZZZXXX	WAY.		
4.78	29.44	10.56	· ·
3+2+2+4+7	+ 7 + 5 t 3	+10 = 43/9=	4.7\$ (MAO)
			9 = 29.44 (MSE)
6.03+0.05+00	2401140	1640.1440.12+0.	04+0.10=0.95/9=40.00.10,555
0,10555 x100 = 1			
0,1005) K(00 = 1	30 (1)	- 7	
Since the table	es str. d	isconnected het	e ace the summary:

The Forecast For October is S1.5 (using the 2-month 2vg), S1.57 (using the 3-month weighted 2vg.), and 4.78 (using exponential smoothing). The most accurate one is the model using exponential smoothing.