

ra i								
	So Seas	Sonly Adjus	led Sal	les = Seas	sonal Adjustmat & Forecasted Value			
	= 1.605 x 7000							
		Seasonly Adjustment - 75 1938 7070 Sales						
			1= +	<u> </u>				
		S _L = S ₀ -	ibt	1.64				
/	***************************************	Solution So = $(\Xi s)(\Xi t^2) - (\Xi t)(\Xi s * t)$ $b = [n\Xi s * t - (\Xi t)(\Xi s)]$ d d d d d d d						
	Month	Income(S)	t	S* E	£2			
	Feb	450 495	1	450				
	April	518	3	1554	9			
	May	-563 -584	y 5	225 ₂	25			
	-	2610	15	8166.	25			
)			,				

$$b = 5 \times 8166 - 15 \times 2610 = 33.6$$

80,

For July t=6

	Date Page						
	Thean of A						
	3- dearter (F) (Forecast with cv =0.)						
3	Price t Demand Moving Away (F) Forecast with (=0.)						
	100 1 20						
	150 2 18						
	2011 3 5						
	300 9 12 1754						
	400 3 7						
	6 \$A:70 (10.67)						
	1 5 7 9 1 A = A = 2 civl 1 10267						
a	So, 3 duarter Moving Average for Sixth year = 10.67						
(d	For Exponential Smoothig						
9)	TU LA POTREMIAX SMOTTY						
	Fet = WAE + (1-W) FE						
	So, Using this we get						
	F= 7.452						
	$R_{MSC} = \sum (A_{\varepsilon} - f_{\varepsilon})^2$						
	$R_{MSC} = \frac{E(A_{\ell} - f_{\ell})^2}{1}$						
	A						
	For Moving Averge						
	$A = A - E = (A - E)^2$						
	20						
	18						
	15						
	12 17.67 -5.67 32.149						
	5 15 -10 100						
The state of the s							

Rase = \[\frac{32-149+100}{2} = \frac{8.125}{2} \]
For Exponental Smoothin A F $(A-F)$ $(A-F)^2$ 20 14 6 36 18 $18-2$ -0.2 0.04 15 $18-01$ -3.06 93636
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
As 27.58 = 25.051
Exponental smoothing provides more accurate forecasting