COVID-19 TESTING IS IMPORTANT IN MITIGATING THE PANDEMIC VIRUS

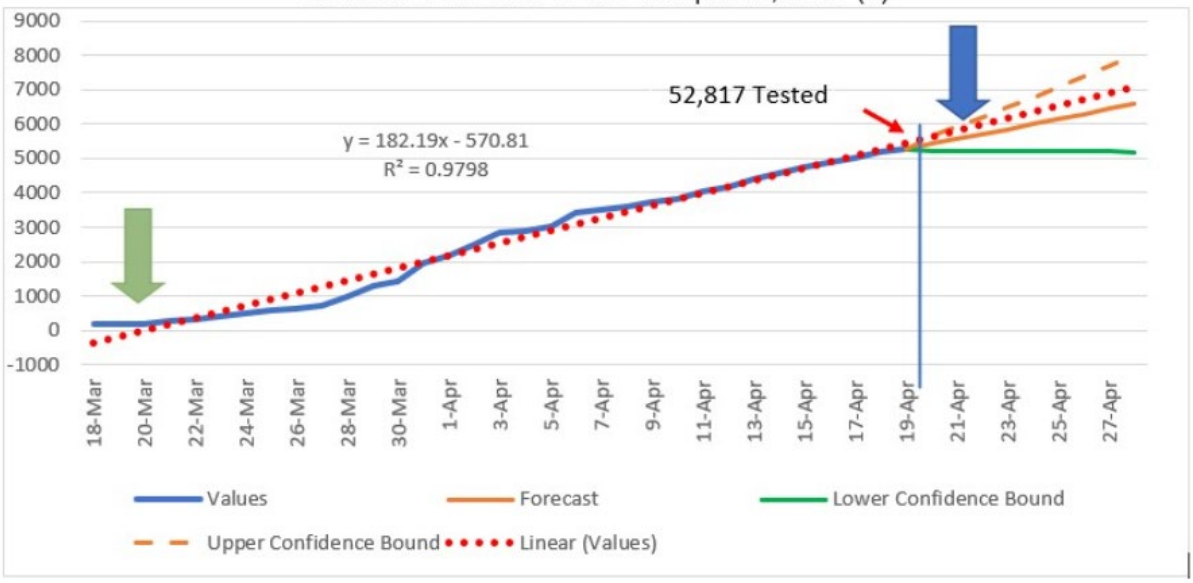
Last year I made a model on the correlation between the number of persons tested with Covid-19 and the accuracy of predicting the number of persons to be infected. In Table 3.0 would show that as the number of tested persons tested are increased the slope of the equation decreases. The result of these decrease in slope results to a more accurate prediction of the projected number of persons infected. To describe it further, in Chart 3.0 dated April 15, 2020 the orange dash line representing the pessimistic projected value showed a different projected equation from the green line representing the optimistic projection. In between these two lines is the orange line representing the average value projected between the orange dash-line and the green line. In this methodology I used Excel Miler which I presume OCTA Research is also using.

Table 3.0 Comparison Between Linear Regression Equation vs. Time

Date	Number Tested	Equation	Slope	Intercept	Δ Slope	Δ Intercept
April 15	33,450	Y=185.29X – 604.48	185.29	-604.49		
April 19	52,817	Y=182.19X – 570.81	182.19	-570.81	3.10	33.68
April 22	68,512	Y=178.23X – 523.05	178.23	-523.05	3.96	47.76
April 26	84,789	Y=173.52X – 461.08	173.52	-461.08	4.41	61.97
May 01	108,680	Y=169.34X – 400.49	169.34	-400.49	4.18	60.59
May 05	126,164	Y=167.53X – 371.19	167.53	-371.19	1.81	29.30
May 09	145,586	Y=165.42X – 333.92	165.42	-333.92	2.11	37.27

As the number of Covid-19 testing increases the orange dash line slope drops and the green line rises thus limiting a wide range value of projection to a narrower gap increasing the possibility of being accurate in our projections. On May 9, 2020 when the number of testes reached 145,586 persons the orange dash-line has almost closed the gap between the green line. The importance of Covid 19 testing should be over emphasize to mitigate the pandemic situation that is very devastating to our way of lie and economy of our country.

Chart 3.0 Forecast COVID-19 April 15, 2020 (b)



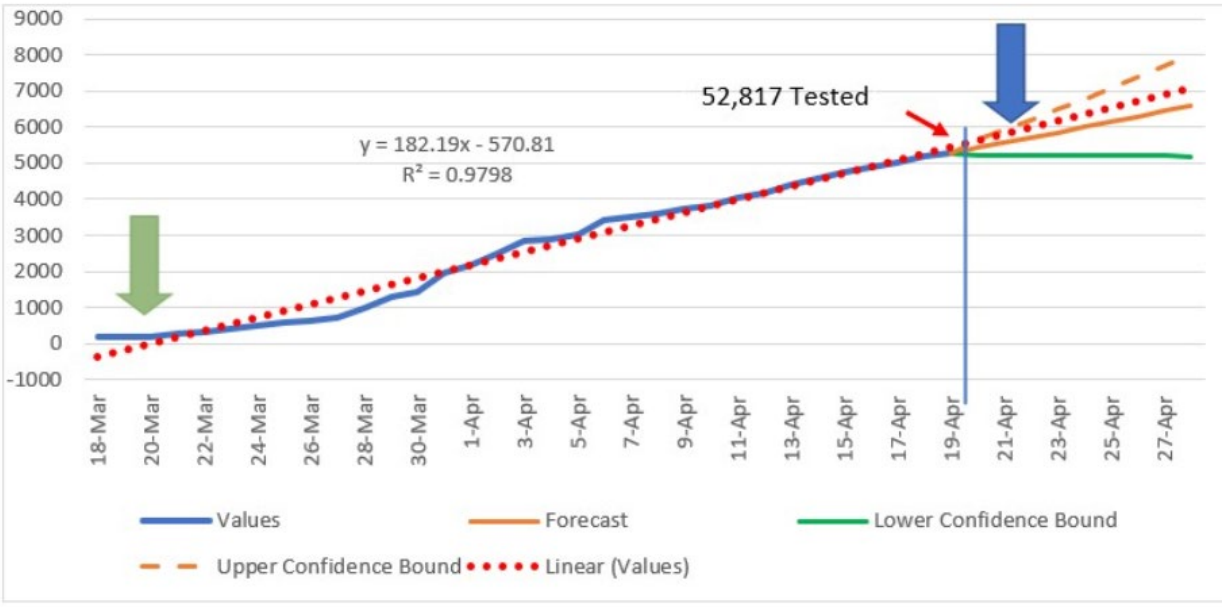


Chart 6.0 Forecast on COVID-19 April 19, 2020 (b)

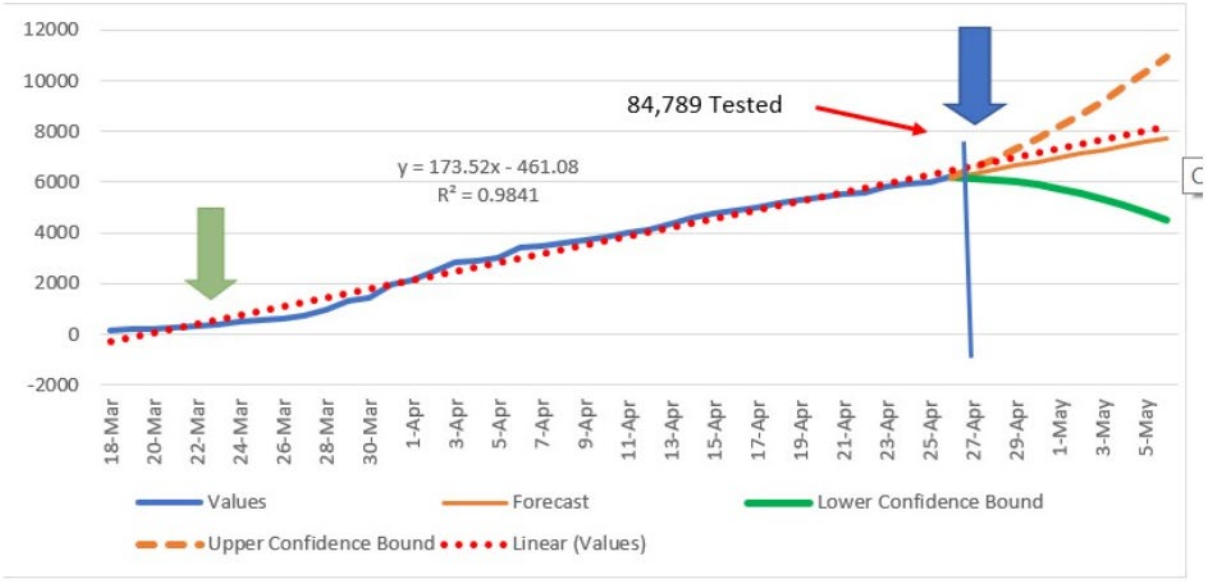


Chart 10.0 Forecast on COVID-19 April 26, 2020 (b)

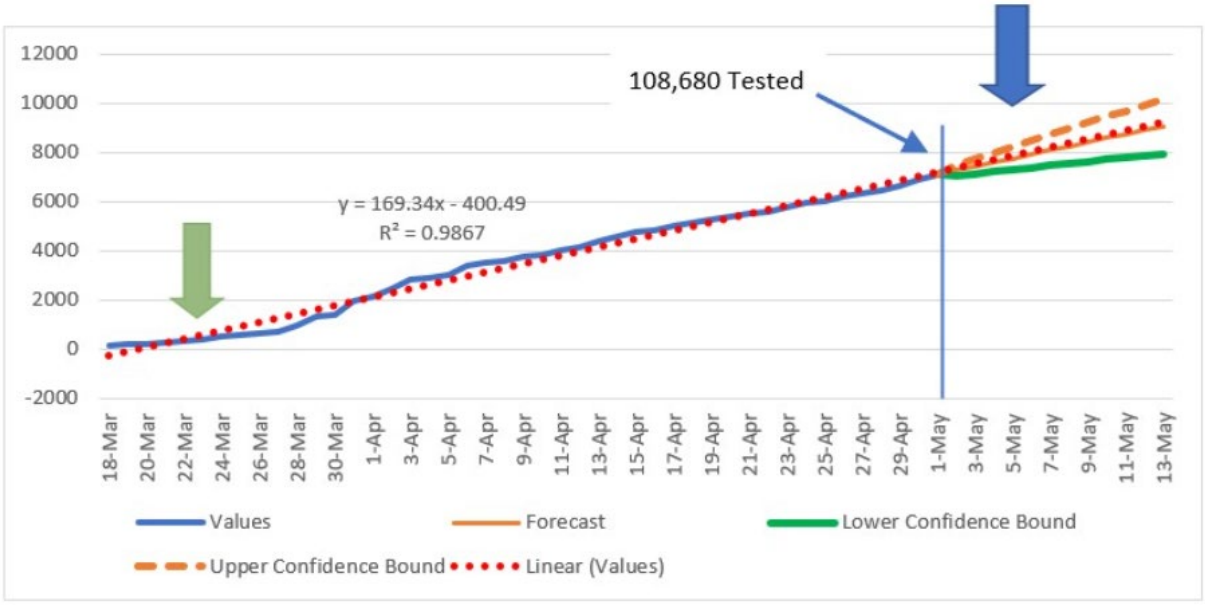


Chart 11.0 Forecast on COVID-19 May 1, 2020 (b)

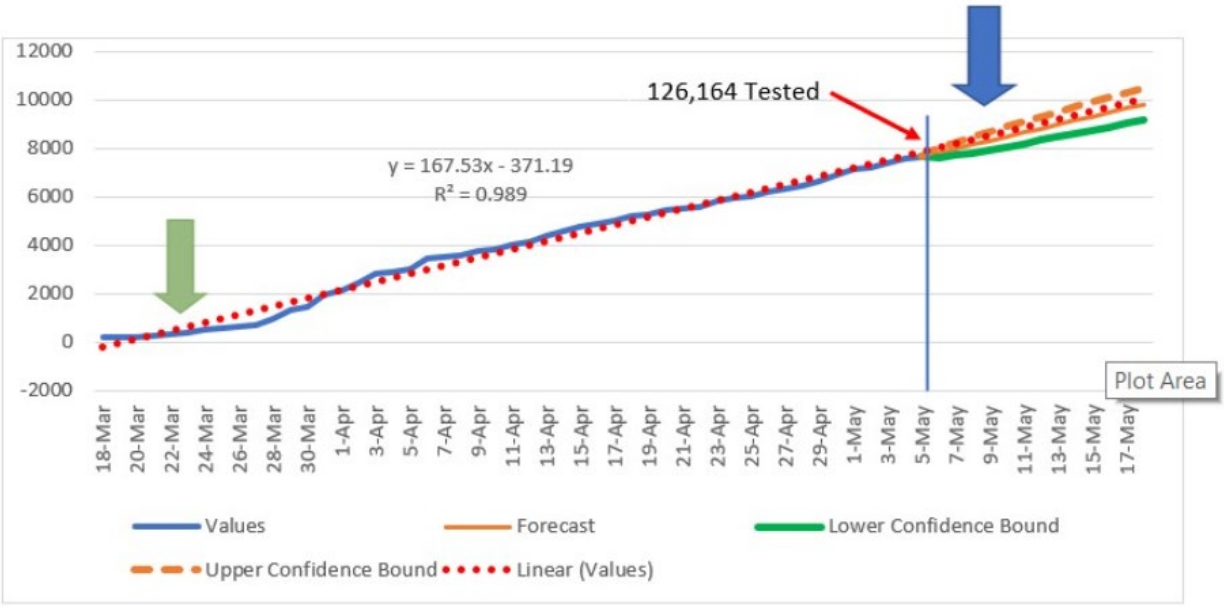


Chart 12.0 Forecast on COVID-19 May 5, 2020 (b)

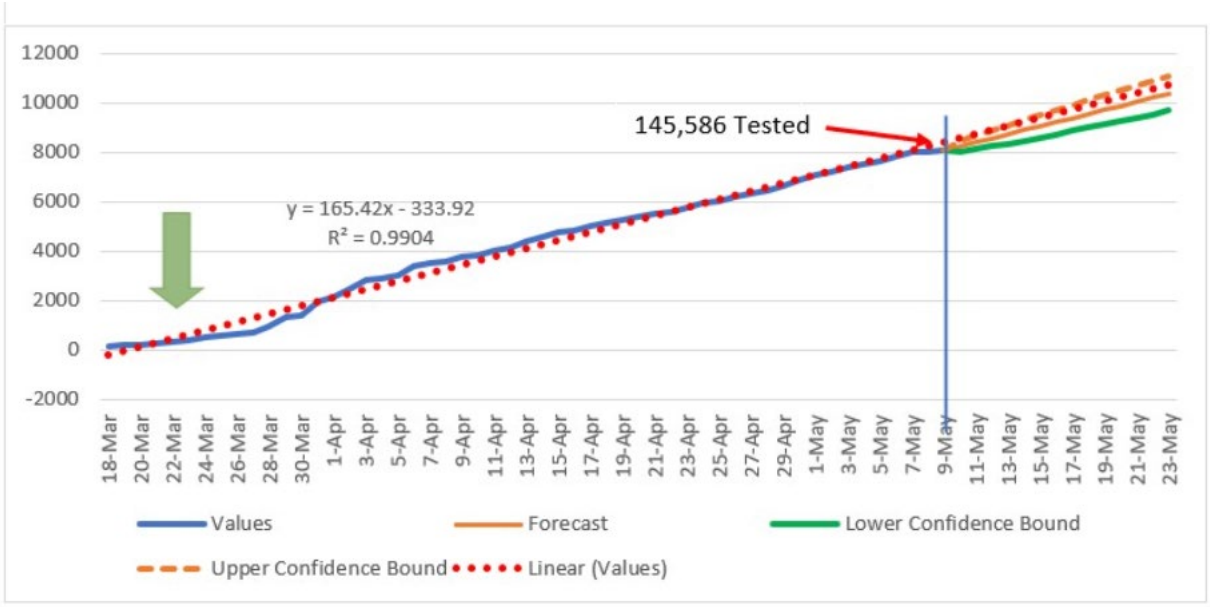


Chart 13.0 Forecast on COVID-19 May 9, 2020 (b)