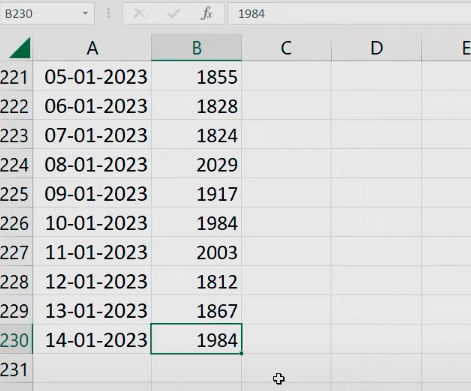
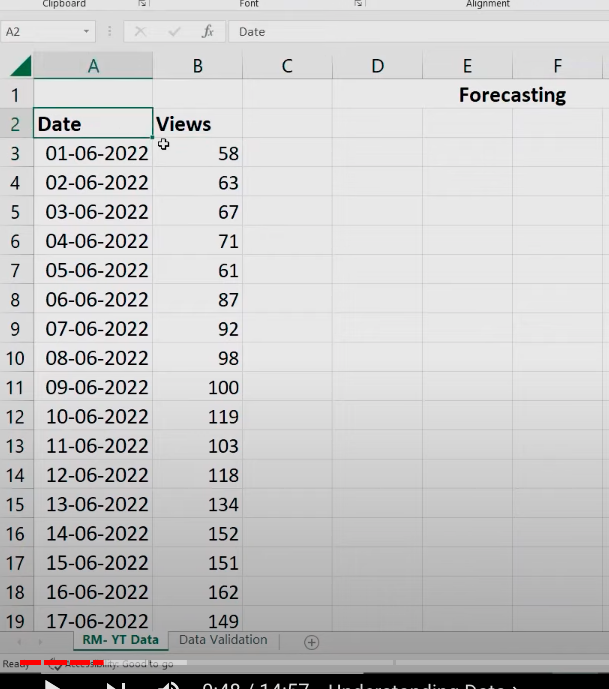
**Forecasting in Excel**

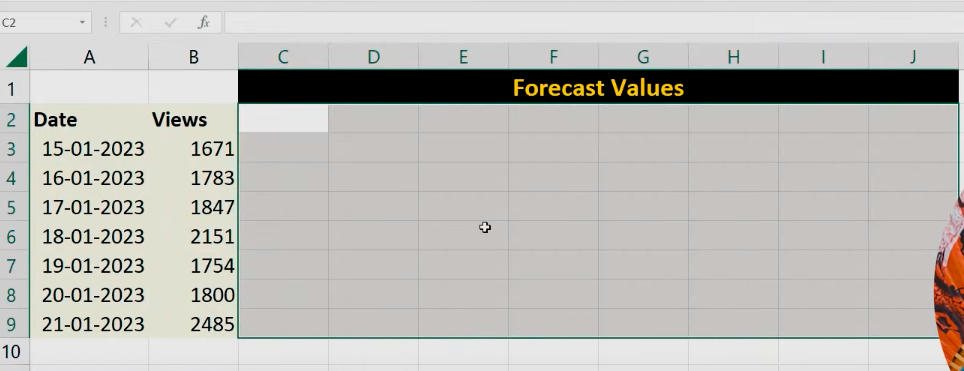
**3 Methods:**

1. Using Formula
2. Using Graph
3. Using Forecast Sheet

Training data in Excel file:

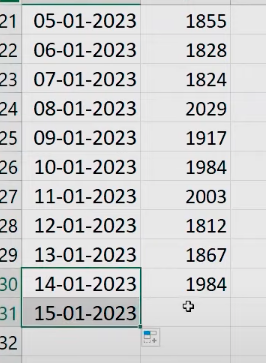


Testing data in Excel file:

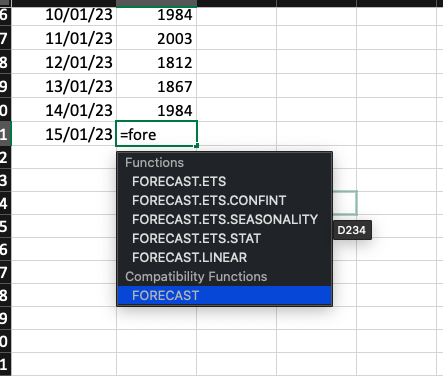


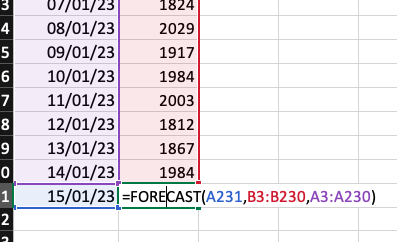


**DRAG** 14-01-2023 & get a new date(15-01-2023)

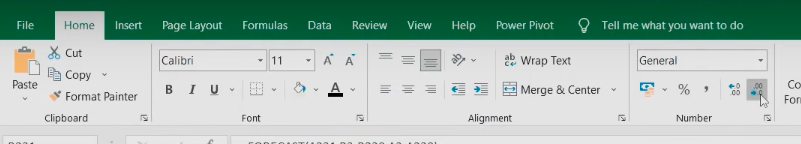


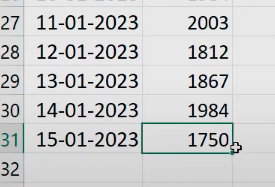
Checking the **FORECAST()**



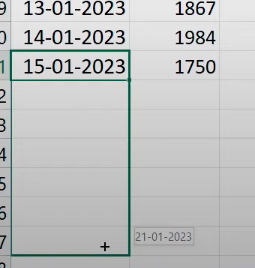


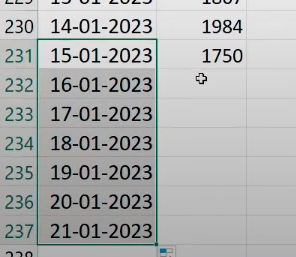
Remove, the decimal values



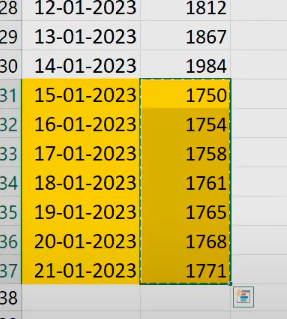


**DRAG** 15-01-2023 to 21-01-2023





Now, copy all the predicted values into the Data Validation tab.



Copy the **predicted values** to the **Forecast values** section

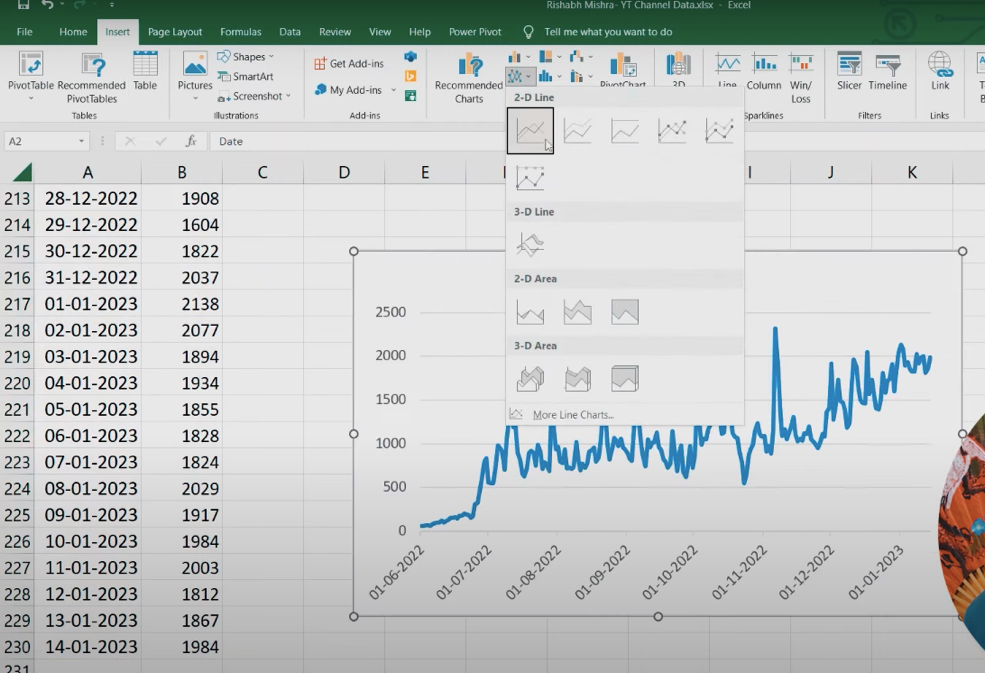


XXXXXXXXXXXXXXXX

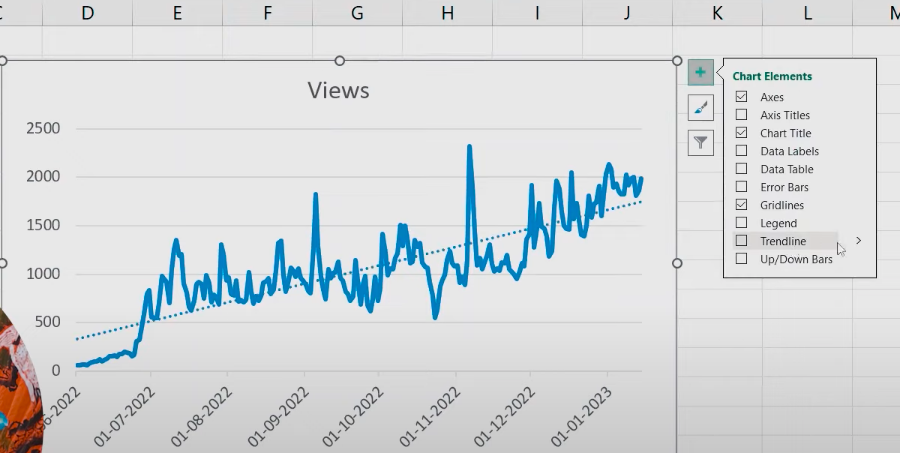


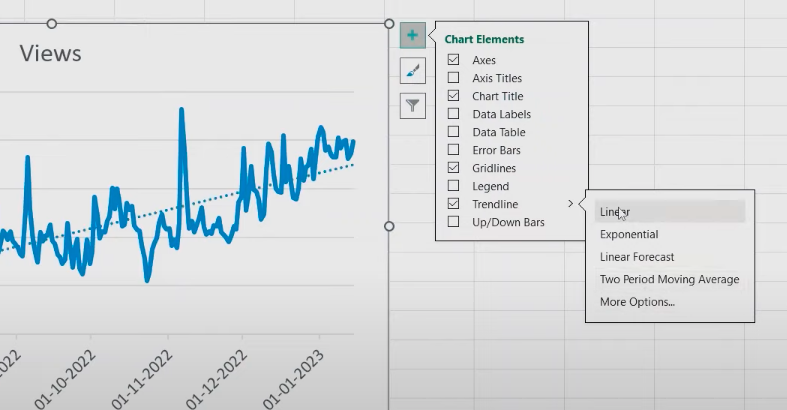
Select both the columns data with [ctrl + shift + down arrow]

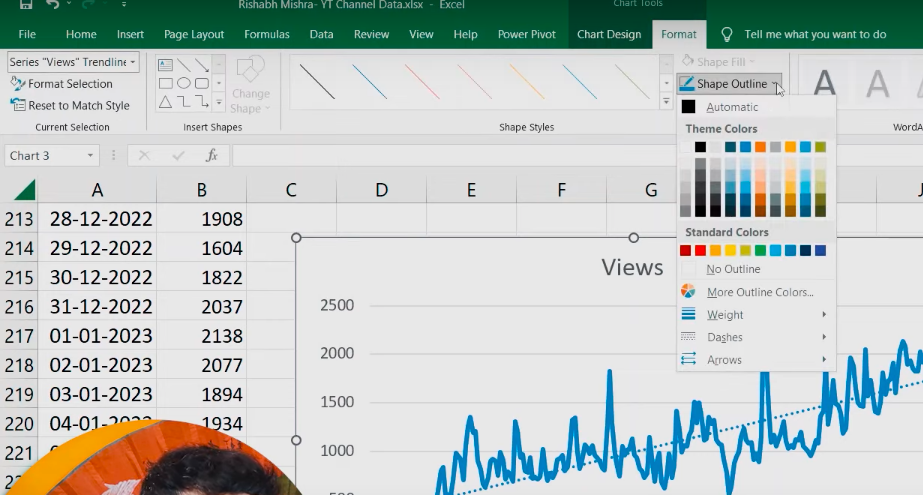
Then, go to **Insert** and select a **Line chart**

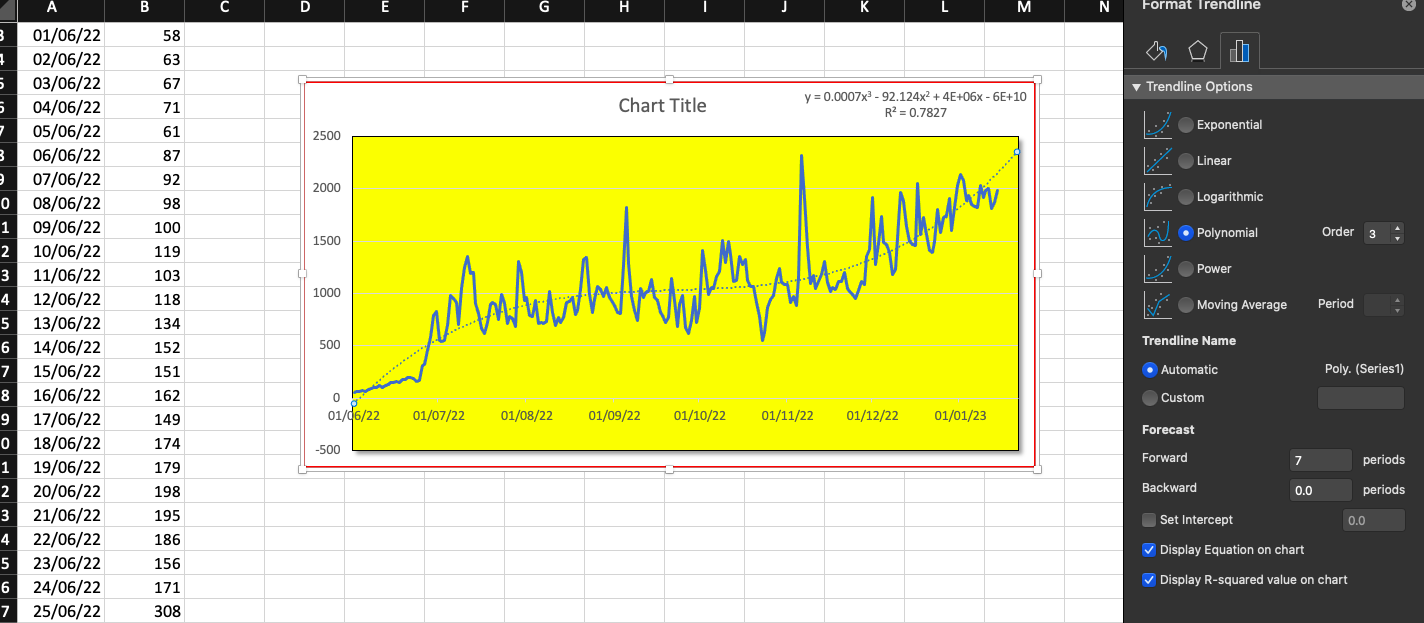


**Chart Elements** --> **Trendline**









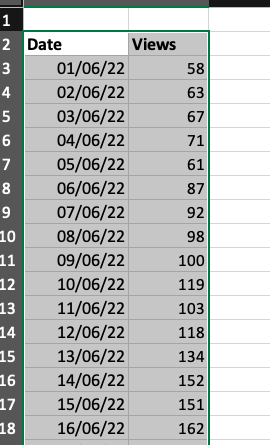
We selected a Polynomial cubic regression model for the forecasting.

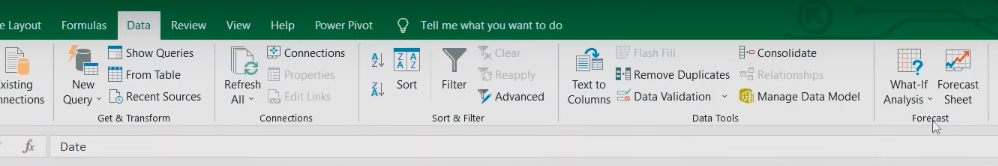
Above, we can see, R2 value (error rate). R2 value is always between 0 and 1.

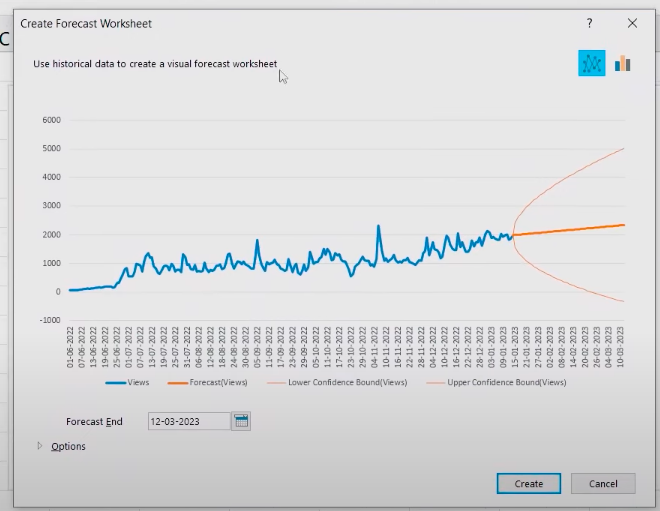
Higher the R2 value, higher the accuracy of predicted values.

XXXXXXXXXXXXXXXX



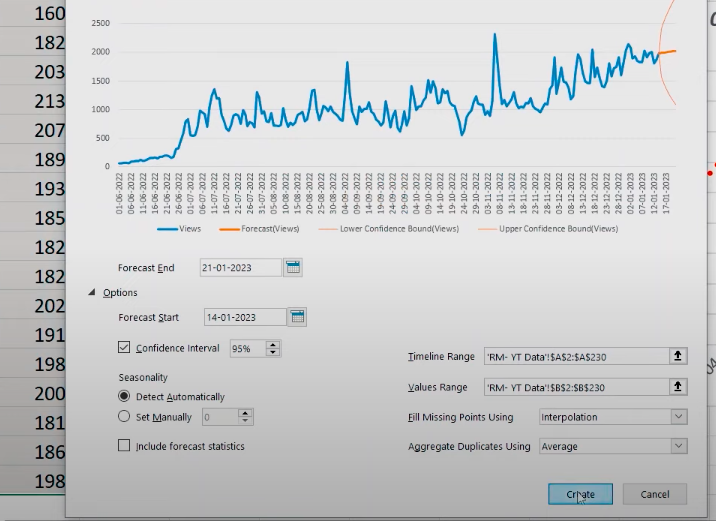


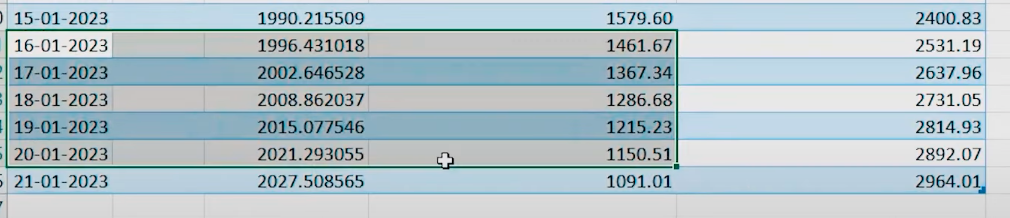












Finally, we got the Normal, Lower 85% and Upper 85% predicted values.