

04) Forecast Confidence Intervals

User Story:

- As a user, I want to visualize the confidence limit on a forecast (produced by the model) for each graph (leavers, gross adds, ARPU, Revenue, volume, net adds), so I can see the uncertainty of any prediction (alternative forecast) as defined by the confidence interval in the proposed range.

Acceptance Criteria:

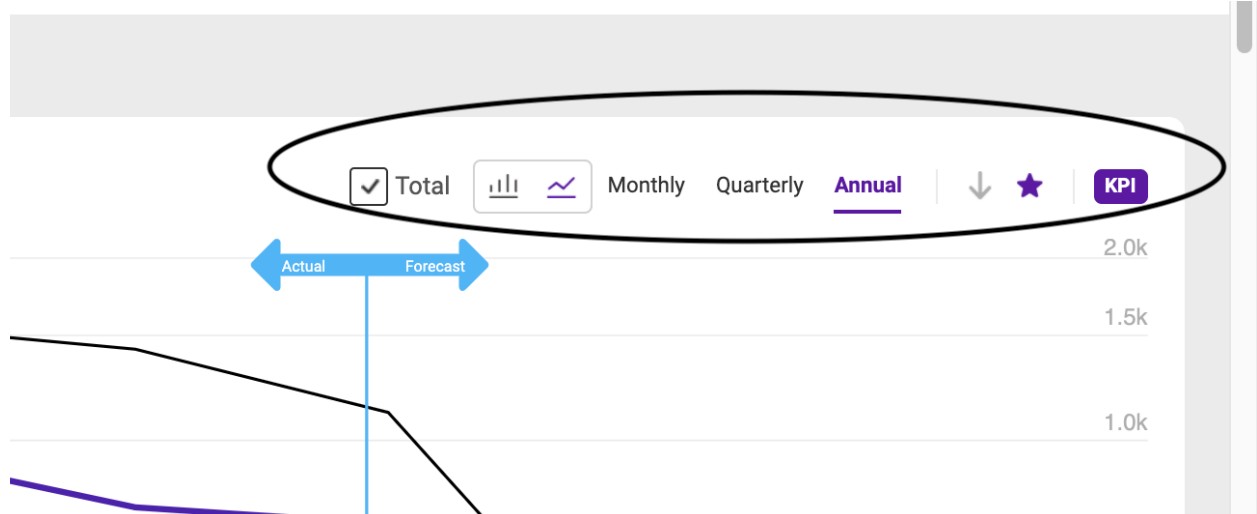
- Given that I am a Finance/S&T team member, when I view a forecast, when I toggle CL on, then I want to be able to see the confidence level for all predictions (alternative forecasts) on that specific chart.
- I can view CL as upper and lower limit as a shaded area surrounding the prediction
- I can view CL as - or + % value on hoover over following the prediction value

Notes:

- The confidence limit is calculated as absolute errors and expressed as + or - x%
- Confidence Limit should apply on a graph by graph basis
- Treat Total the same way - apply to all graphs at once or on a graph by graph basis - Total should also apply on a graph by graph basis

Ideas, References, and Consideration:

- Tidy up the right hand side of the screen, and propose treatment for Confidence Limit toggle - at the moment we have Total with a checkbox; graph selection has a box around it; x-axis granularity with bold/underline on selection - we need to standardize this display!



- Display CL as upper and Lower limit as a shaded area surrounding the prediction

- Display CL as their real value as (UL = xxx and LL = xxx) on hoover over following the prediction value.

