9. Time Series
The preferred format for a date and time stamp in GraphXR is YYYY-MM-DD HH:mm:ss.
If you are loading date and time data in a different format, GraphXR may have trouble recognizing it.
Go to the **Transform** panel => f(x) tab and apply the toDate or convertCustomDate formulas to convert the data into a recognized format. Visit [https://momentjs.com/docs/](https://momentjs.com/docs/) for more information on date and time formulas.
Once your data is properly formatted, GraphXR offers several methods for working with time series data. Here, the **Parametric** layout has been used to distribute episodes on the X axis by their `episodeAirDate`.
You can also position **nodes** according to time series in the **Layout** panel => **Geometric** tab by enabling **Order by Property**.
You can also work with time series in the Filter panel. Select a range as you would with any numeric property. Use the handles or enter a precise value in the Min / Max fields.
Check Fixed Range to treat your current range like a video playhead. You can scrub forwards or backwards by dragging either handle.