

Technical Steps Used in Tableau for Forecasting

1. **Data Preparation:**
 - Import the dataset into Tableau.
 - Clean and organise the data to ensure it is ready for analysis.
2. **Creating a Time Series Plot:**
 - Drag the **Order Date** field to the Columns shelf and set it to **YEAR(Order Date)**.
 - Drag the **Sales** field to the Rows shelf and set it to **SUM(Sales)** to create a time series plot of sales over the years.
3. **Filtering by Category:**
 - Use the **Category** field to filter the data. In this case, the **Technology** category is selected to focus on technology sales.
4. **Adding a Forecast:**
 - Click on the **Analytics** pane.
 - Drag the **Forecast** option into the view.
 - Tableau automatically generates a forecast based on the historical data using exponential smoothing models.
5. **Customising the Forecast:**
 - Customise the forecast settings by right-clicking on the forecast and selecting **Edit**.
 - Adjust the forecast length, specify seasonality, and fine-tune other parameters as needed.
6. **Visualising the Forecast:**
 - Tableau displays the forecast along with confidence intervals, providing a visual representation of the predicted sales and the uncertainty range.