Quick Start Card BI Office Forecasting

In BI Office, users can easily create predictive **Forecasts** and choose from a verity of different types and timelines. This smart function auto-generates R-Script that drives the forecast, and a trend is applied to the chart for advanced analysis.

Open an Existing Report

Open an exsiting Data Discovery trend report that contains both a Column and Line chart.



Create the Forecast

From the ribbon, select the **Analytics** tab. Then click the **Forecasting** button.



This adds a standard type **6-month** forecast line and column for six months in the future. This is based on the **R-Script** engine analysis from the dates trend.





Refactor the forecast by selecting the drop down arrow below the forecast button. Notice the different types of **forecasts** available. For any forecast, the default only shows a **6-month** forecast. In order to extend the forecast to twelve months, select the **Advanced Forecast** editor.



Edit the Forecast

First, select the Algorithm tab to define the **Forecast Type**, **Period of Data**, and **Number of Future Periods**.

4	Forecast	ing		
Welcome	Choose what type of foreca	Choose what type of forecasting method to use.		
R Script	Forecast Type:	Built In: Seasonal		
Final	Periods Of Data:	Months		
	Number Of Future Periods:	12 🛟		

Then notice the different Forecast Types.

Built In: Standard
The default forecasting model using "Holt-Winters" which includes exponential smoothing with modeling for data that has both seasonality and trends.
Built In: Trend Only
"Holt-Winters" forecast model which includes exponential smoothing with modeling for data that has trends only.
Built In: Seasonal
"Holt-Winters" forecast model which includes exponential smoothing with modeling for data that has seasonality only.
Built In: Simple
"Holt-Winters" forecast model which includes exponential smoothing for data without either seasonality or trends.
Built In: Simple Smoothing

Second, click on the **R Script** tab to see the generated R Script and choose to customize if desired.



Third, click on the **Final** tab to **Name** the forecast, give it a **Description**, **Save**, and set **Access**.

*	Forecasting
Welcome Algorithm R Script Final	Caption: Seasonal Forecast Description: Seasonal forecast on Months over 12 periods
	✓ Save design Access: Public

Finally, set Custom Security then

Public memb public and pr be edited by	er or set defin ivate content. the definition	Custom Set : itons are available to al Private definitions can a owner. Users with write	Security I users with read acce also be included in a p access to public defin	ss for inclusion ublic content, b itions can chang	in their ut can only ge the
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See the forecast update to reflect the desired number of **future periods** and the **seasonality** of the trend.



Interact with the Forecast

Use a slicer to make the trend chart **dynamic** and see the forecast update.



