

### 5.8.1.3 Using Forecast and Smart Grouping

If the forecast feature is enabled in a Time Series chart, the `getResultSet()` script API method returns both the actual value and the forecast value.

The data point context of the actual date has the measure `actualValue`. If there is fitted line in this date, another measure `hindcastValue` can be found.

The data point context of the forecast date has three measures: `upperBound`, `lowerBound`, and `forecastValue`.

#### **Example 12: Time Series chart with forecast enabled, extra data point is generated**

The Time Series chart below has both an actual date and a forecast date. The blue area is generated by the forecast.

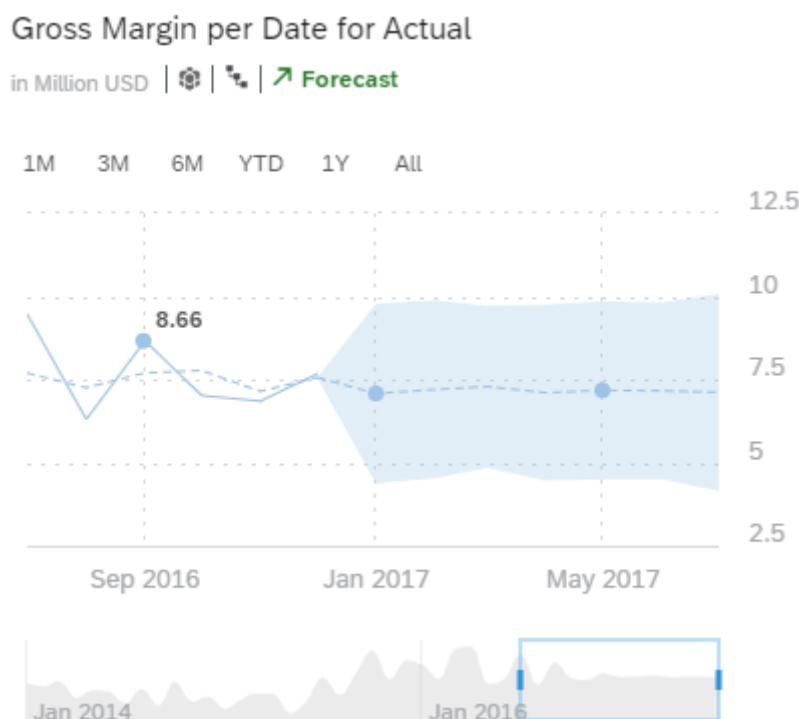


Figure 41 Time Series Chart with Forecast Enabled

```
Chart_1.getDataSource().getResultSet();

// ResultSet[]
[{
  "Date_703i1904sd.CALMONTH": {
    "id": "201409",
    "description": "Sep 2014" // actual date
  },
  "@MeasureDimension": {
    "id": "[Account_BestRunJ_sold].[parentId].&[Gross_Margin]",
    "description": "Gross Margin",
    "rawValue": "4207974.43",
    "formattedValue": "4207974.43"
  }
}]
```