

Cash flow Forecasting Model Animal-health technology and services company

Built an indirect cashflow forecasting model which tracks and consolidates forecasts from over 30 BUs to provide a combined view of cash balances at weekly, monthly and quarterly levels using Power Bl

CASH FLOW FORECASTING MODEL

KEY RESULT

 > 2 FTE hours per week saved

VALUE LEVERS PULLED

- BU forecast submission tracking and consolidation
- Variance analysis
- Forecast accuracy tracking
- Scenario analysis

Animal-health technology and services company needs cash flow forecasting model

Picture this...

You're looking for a Power BI based cashflow forecasting model to reduce the refresh time each week and provide filters along with drill through functionality for tracking variance efficiently and driving accountability during weekly management reviews. Currently, using Excel to consolidate data from 37 BUs which took several hours to consolidate each week. Due to the limitations of Excel modeling you have no visibility into the cashflow variances at a line-item and region level.

You turn to Accordion.

We partner with your team to build an indirect cashflow forecasting model to track and consolidate forecasts from over 30 BUs and provide a combined view of cash balances at weekly, monthly and quarterly levels using Power BI, including:

- 1) Building a data model within Power BI to ingest data from 37 Excel templates filled by BUs in functional currency each week and consolidating the data at an organizational level in USD
- 2) Creating Actual vs Forecast and Forecast vs Forecast dashboards to showcase the variance for any selected period of analysis
- 3) Generating a Forecast Accuracy Analysis report to find the forecast error and the absolute deviation for any period of analysis to enable updating forecasts for line items that are being consistently over or under forecasted

Your value is enhanced.

- You have the Power BI based model saving over 2 FTE hours each week in data review and consolidation
- The waterfall charts created in the variance analysis tabs enabled you to quickly identify major contributors of variance at region/line-item level
- You are able to reconcile the cash balances with the direct method through the model to improve the accuracy of the overall cash forecast

Cashflow Forecasting for Animal-health Technology & **Services Company**

Situation

- · Client was using Excel to consolidate data from 37 BUs which took several hours to consolidate each week. Due to the limitations of Excel modeling client lacked visibility into the cashflow variances at a line-item and region level.
- Partnered with the client to build a Power BI based model which not only significantly reduced the refresh time each week, but also provided filters and drill through functionality to be able to track variance efficiently and drive accountability during weekly management reviews.

Accordion Value Add

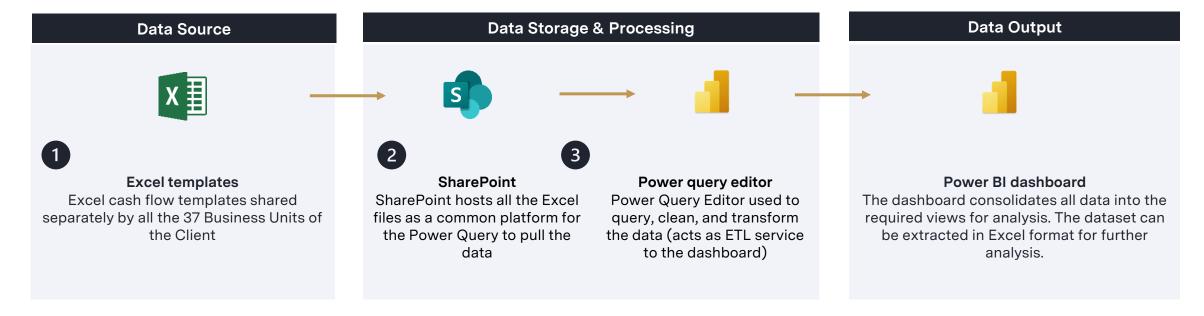
- Built a data model within Power BI which ingests data from 37 Excel templates filled by BUs in functional currency each week and consolidate the data at an organizational level in USD
- Created Actual vs Forecast and Forecast vs Forecast dashboards to showcase the variance for any selected period of analysis
- Generated a Forecast Accuracy Analysis tab which finds the forecast error and absolute deviation for any period of analysis to enable the team to update the forecasts for line items that are being consistently over or under forecasted

Impact

- Power BI based model saved over two FTE hours of the treasury team each week in data review and consolidation
- The waterfall charts created in the variance analysis tabs enabled the team to quickly identify major contributors of variance at region/line-item level
- The model was used by the FP&A team to reconcile the cash balances with their direct method to improve the accuracy of the overall cash forecast

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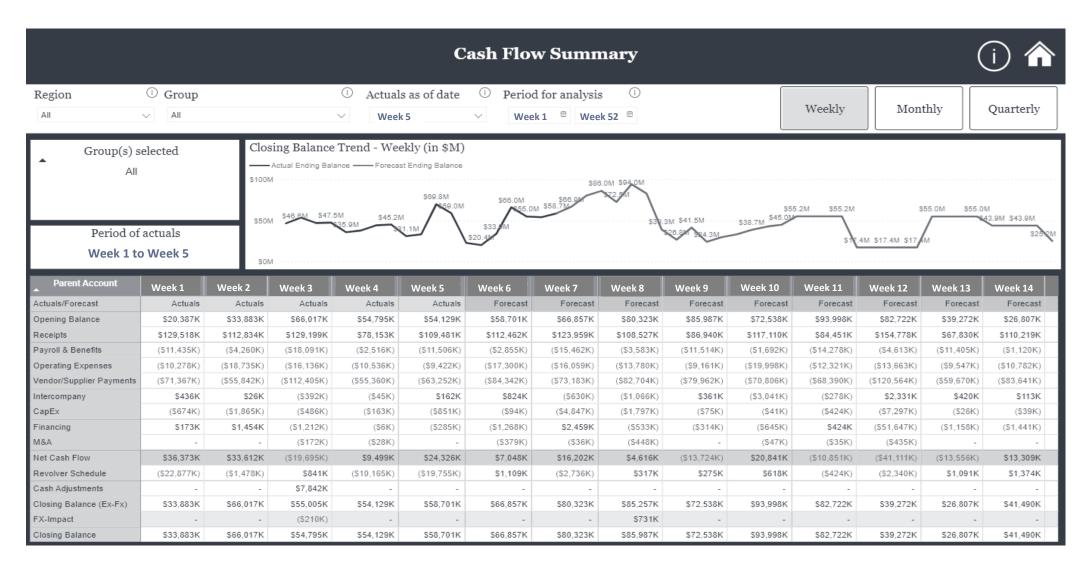
Methodology/ Approach



- 1. Data source The initial Excel template was developed to include transformation tabs that help in setting up queries for data consolidation.
- 2. SharePoint All these excel templates from various groups are consolidated by the Treasury team every week and are stored on to predefined SharePoint folders.
 - Current week Latest Excel files shared by groups are the primary source for actuals data.
 - History All the files (previous and latest) are stored and act as data repository for historical forecasts.
 - Additional info All other additional files and data required for the dashboard including FX rates, submission tracker etc.
- **3. Power query editor -** The transformed data from the query editor is used as the data set to power the Power BI dashboard and this dataset can be updated by refreshing it on Power BI services.

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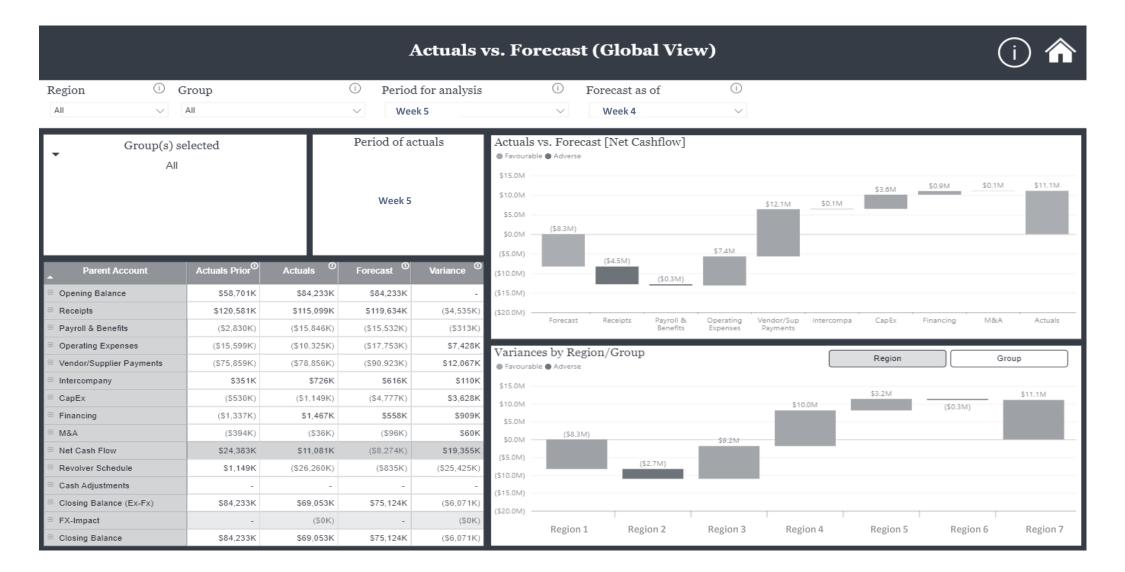
Cash flow summary



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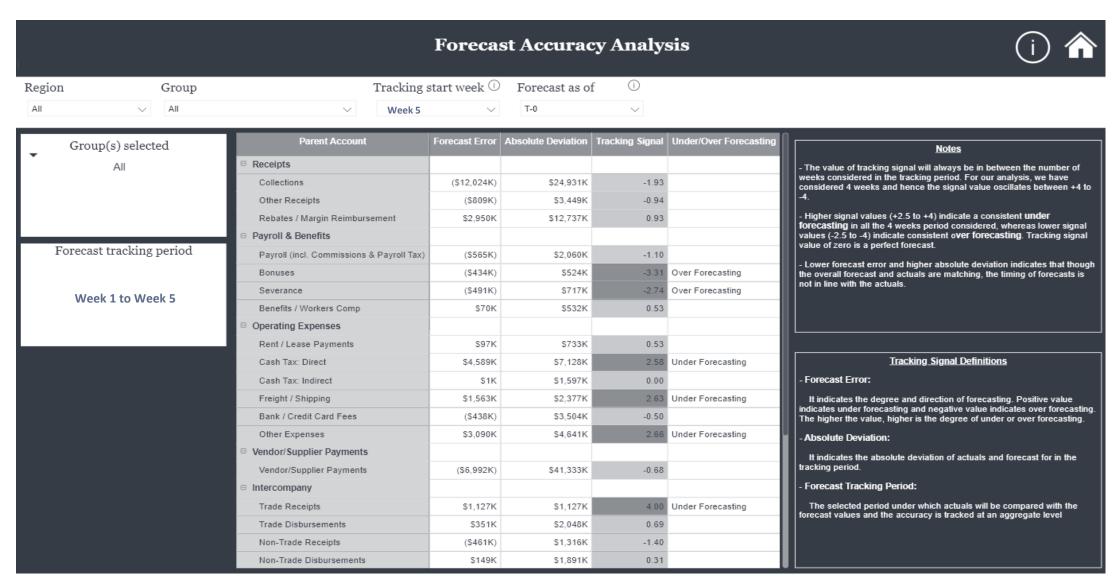


Actuals vs. Forecast view



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Forecast accuracy analysis



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