

## Story Telling

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Dashboards:



Story: This dashboard basically tells a story about smart home. The charts in the left columns provide insights related to the consumption, The first chart gives an overview of the real time total consumption trend and the chart to its bottom drills down to provide additional details about each category's current consumption of power.

Similarly, the charts in the right column focus on device type and their current statuses. Like from the top chart you can see which systems are active by color difference provided and you can select a device type so the chart to its bottom focus on this device categories and gives you status and other information regarding this category of devices.



Story: This Dashboard shares a good story about the financial situation of a company. At the top we have basic KPIs like total accounts receivable and payable. An Important multi-line bar chart also shows how with time we are receiving the receivables and paying the liabilities and the ratio of these two at every point of time. This chart signifies that the company is faring well as its liabilities are always less the receivables at any point in time.

Next, we see another company performance KPI which is the current ratio which tell the ratio of current assets and liabilities, this shows the ability of a company to pay it short term obligations and a larger number indicates a good outlook. Similarly, we have the equity ratio and debt equity which are also similar indicators as above, equity ratio tells how leverage the company is, a number greater than 50% tell that the company access more funding from shareholder's equity than from debt. Debt equity is the ratio of total liabilities and shareholder's equity, this number if less than 1% is better.

Next the three gauges DSI, DSO and DPO show a related KPI that how many days on average it takes to turnover the inventory, how many days on average it takes to get our payments and pay our bills. This sort of tell the rate of flow of receivables, payables and inventory in terms of time.

Next the line chart at bottom right basically plots the gross working capital and net working capital with respect to time, The area between these two lines is basically the liabilities of the company with respect to time. This graph basically shows how the total assets (gross working capital), liabilities (area between the two lines) trend with respect to time. Thus, adding further insights to the financial status of the company over time along with the KPIs mentioned above.

Lastly, the left bottom chart, part of this chart (dark blue and red bars) gives an overall view of the profit or loss of the company with respect to time. This graph sort of summarizes the whole dashboard by providing two most important answers to the company's staff that along with all the measures of financial status how is company's sailing in terms of profit or loss. Right now, the company's outlook is good as we see that it is in profit and increasing with time.

Along with this the stacked bars show sales, cost of goods sold and operating expenses which sort of helps us to visualize the ratio of sales, cost of goods sold and operational expenses. Since we see that our sales (dim blue) are increasing with respect to time, indicating a good outlook.