Case Studies

For

Power BI
Cut short the number of accidents for Taxi rental business

The Challenge

Being into taxi rental business, the owners wanted to cut short the number of accidents in which their company is involved. They had maintained every minute details of all the data related to the accidents happened in last 3 years but all are in google sheets & they do not have any pointers on where to start the analysis from. Being a very small company but with passion to give better services, they wanted a very effective solution for this within their budget constraints.

The Solution

Considering the given situation, where there was a budget constraint but the expectations were too high, Microsoft’s Power BI is what we suggested them.

To start with, we did a small POC, where to fetched the data from the Google sheets & showed them a visualization which plotted – the sum of accidents by Weekday & Time Range. This gave them the answer to a very simple question – Which weekday & time is MOST ACCIDENT PRONE. The best part was, they could compare this year on year, quarter on quarter & month on month.

Then started the flow of reports, where we developed the following different kinds of reports:

- Weekday v/s Time Report
- CarModel v/s Make Report
- Income/Expense Report
- Roll up Accident Counts Report
- Regression Analysis for future Accidents

Resolve the existing CRM report problems

The Challenge

One of our client was facing couple of issues in their existing CRM reports. The first problem was to the analyse the time spent in the process by their users. Their existing report doesn’t show it accurately and in expected format. Another point was each time when higher authorities arrived at the site and asked for the reports, they need to do the complete report execution process again to show them the expected output as the report cannot be accessed for a particular set of records outside CRM, which is very time consuming.
The Solution

Keeping in mind the issues faced by the client, we suggested them to have reports developed in Microsoft Power BI, which gets connected to their CRM Online instance and fetch data according to the requirement and then publish those reports to the web. After the reports are published a link is provided which can further be used by the end users to view the reports online from outside the CRM and the same link is used to attach the Power BI report to CRM Dashboard which can be used by CRM users.

The suggestion provided by us was very helpful to them and both the issues, which were being faced by the client were resolved. Our suggestion and work both were highly appreciated by the client.

Words of appreciation from the client

“Your cooperation has helped to keep our operation run smoothly and has led to a profitable relationship between us”

“We look forward to many more years of working with you, and wish your company the success that it deserves.”

Analyse the performance of insurance policies

The Challenge

One of our Insurance domain client wanted to keep track of his business being executed at different locations. They also demanded that the report should not be difficult at all to understand. They wanted a report that helps them to know that which regions, branches and policies are doing more business and which are doing less based on that they could take appropriate actions for increasing their business.

The Solution

Keeping in mind their first requirement, we suggested the client to go with Power BI report and use the map visualization which will display the income location wise.

For the second requirement, we suggested him to have one single drill down report that would in initial view display revenue region wise but then further on drilling in each region displays details of that particular region and again drilling in would display details of that branch.

The hierarchy for drill down report is Region => Branch => Policy.

We developed the drill down report using Pivot Table.