Part 1 (Questions)

1. Why does Power BI offer so many different data sources to connect

Power Bi offers different data sources to connect, so that analyzation and representation of data from different data sources becomes easy for user as data can be available on different platforms such as excel, online sites, in the form of database, so to allow different users with different datasets to visualize and analyze data Power Bi offers different data sources.

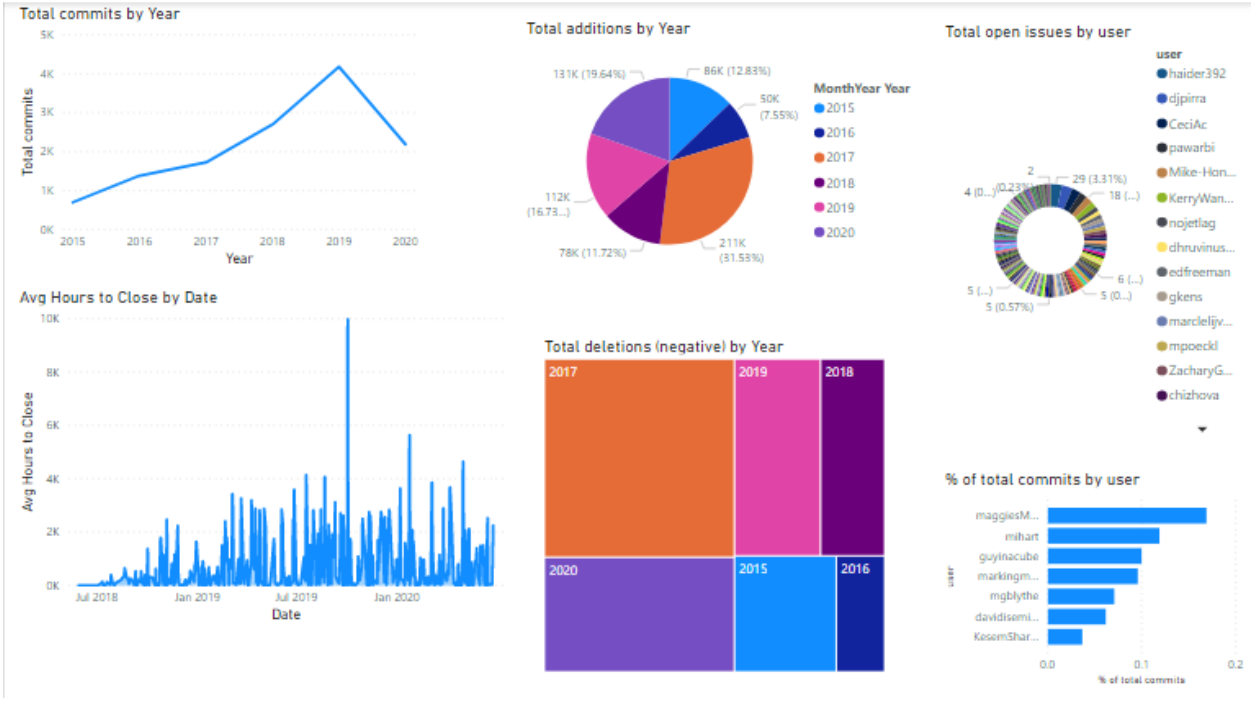
2. Are there any data sources that would be particularly beneficial to company? For our example you are to consider a technology sales organization.

The data sources that would be beneficial for technology sales organization are access data base, cloud services, excel spread sheets.

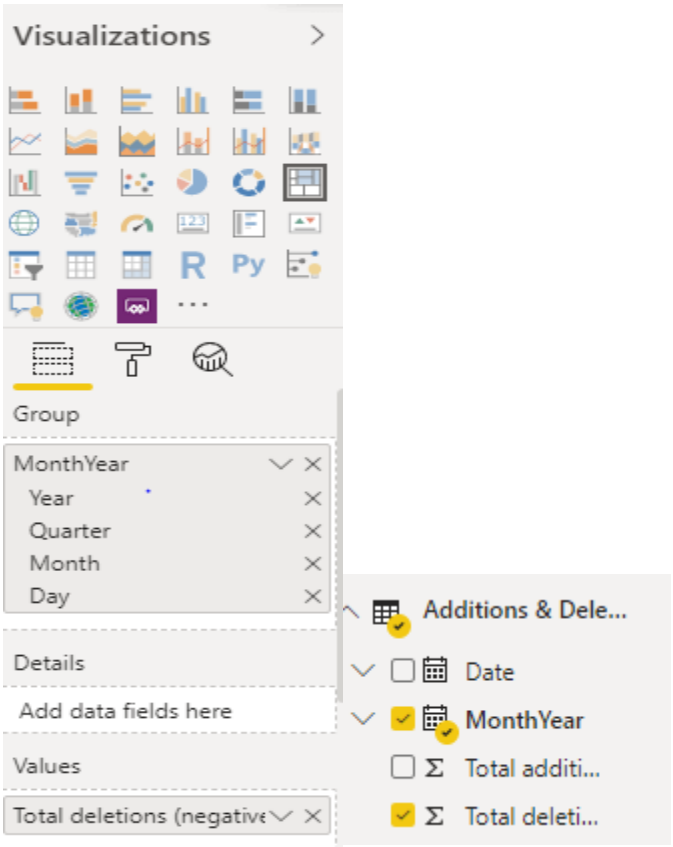
3. What value can this aforesaid technology sales organization find from these data sources?

The value the organization can find from these data sources are the entire revenue generated, the entire sales made in certain period, the revenue generated by product. By this we can analyze and improve the sales for the organization.

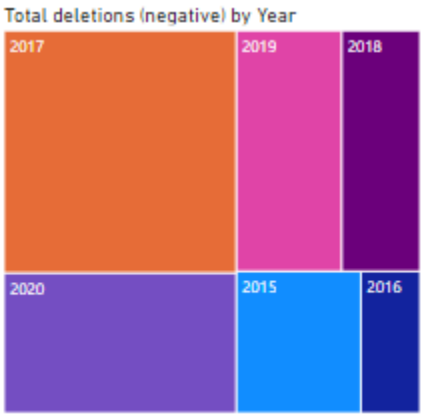
Part 2 - Dashboard

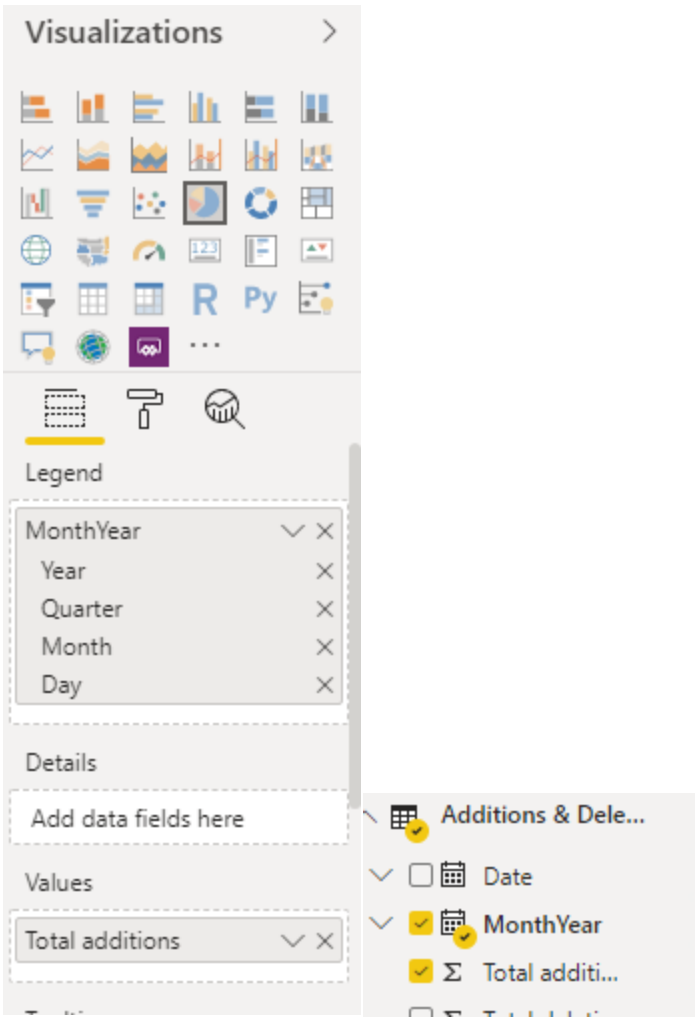


Part 2 – Step by Step guide

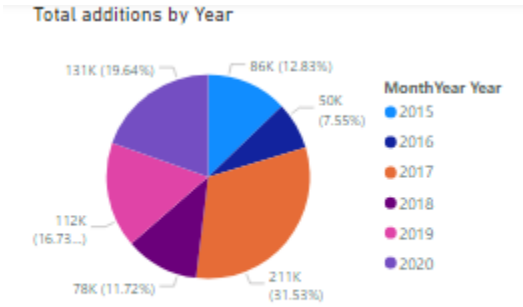


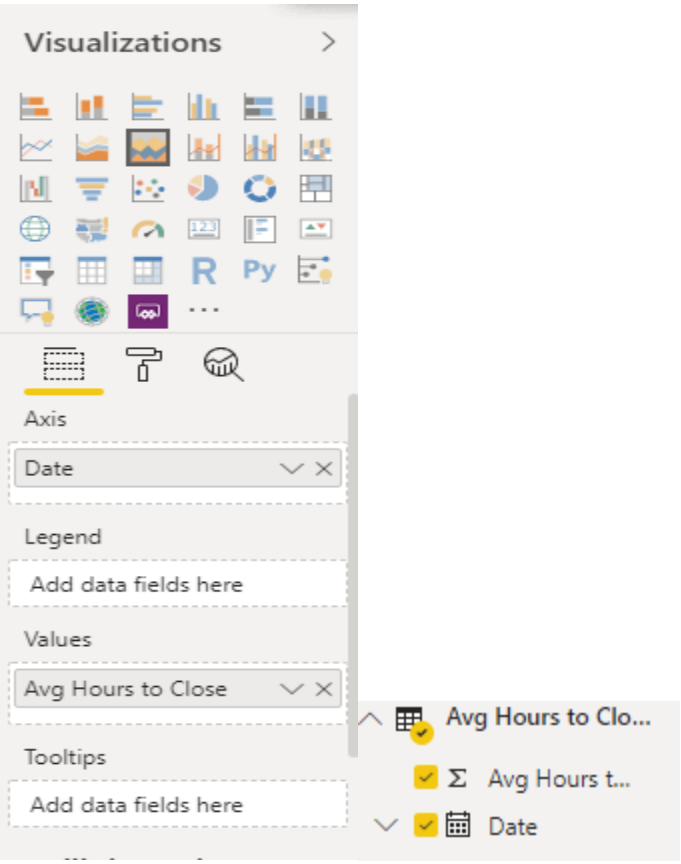
- Select visualization (Treemap)
- Select 'Additions and deletions' data
- Drag and drop Month Year field in legend and Total deletions field in values
- The treemap will be shown as below



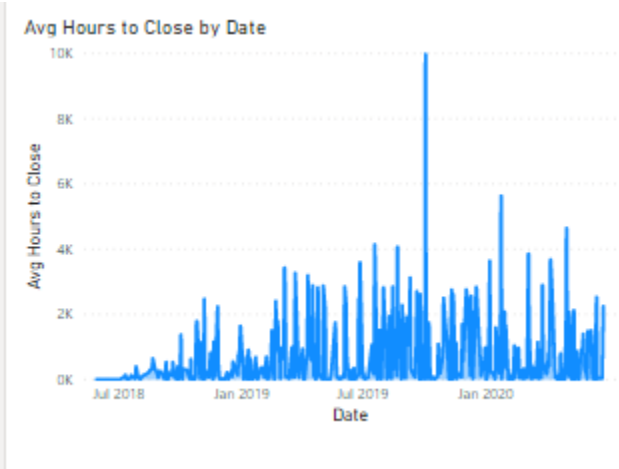


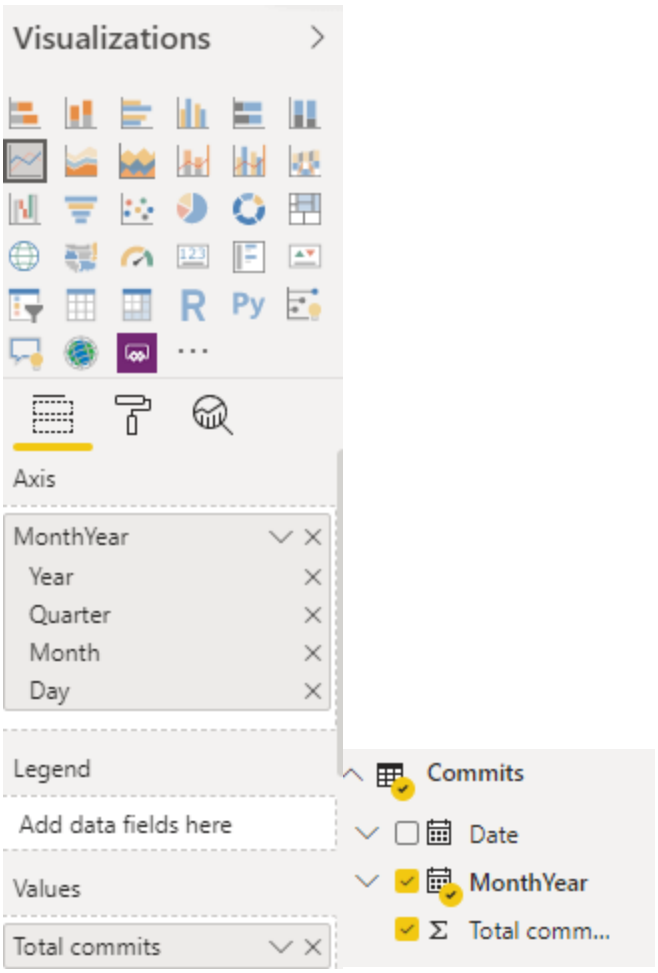
- Select visualization (pie chart)
- Select ‘Additions and deletions’ data
- Drag and drop Month Year field in legend and Total additions field in values
- The pie chart will be shown as below



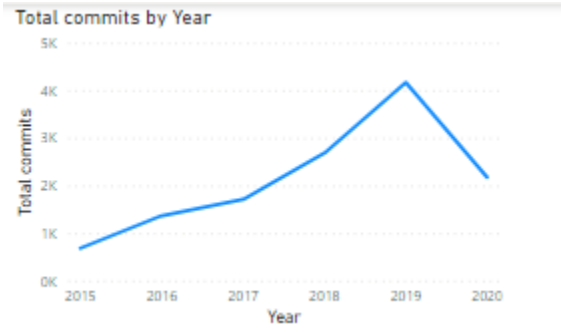


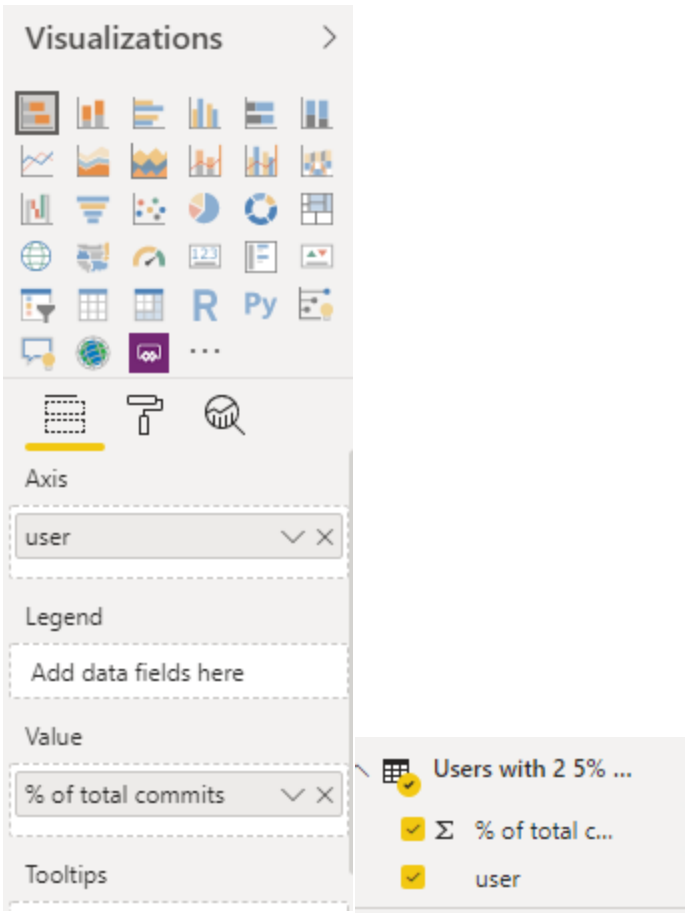
- Select visualization (Stacked area chart)
- Select ‘Average hours to close by date’ data
- Drag and drop Date field in legend and summation of avg hours to close field in values
- The Stacked area chart will be shown as below



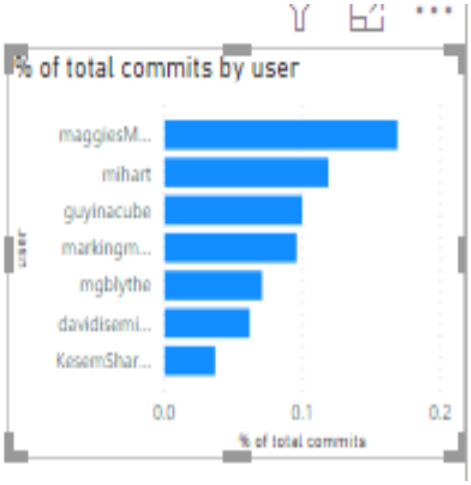


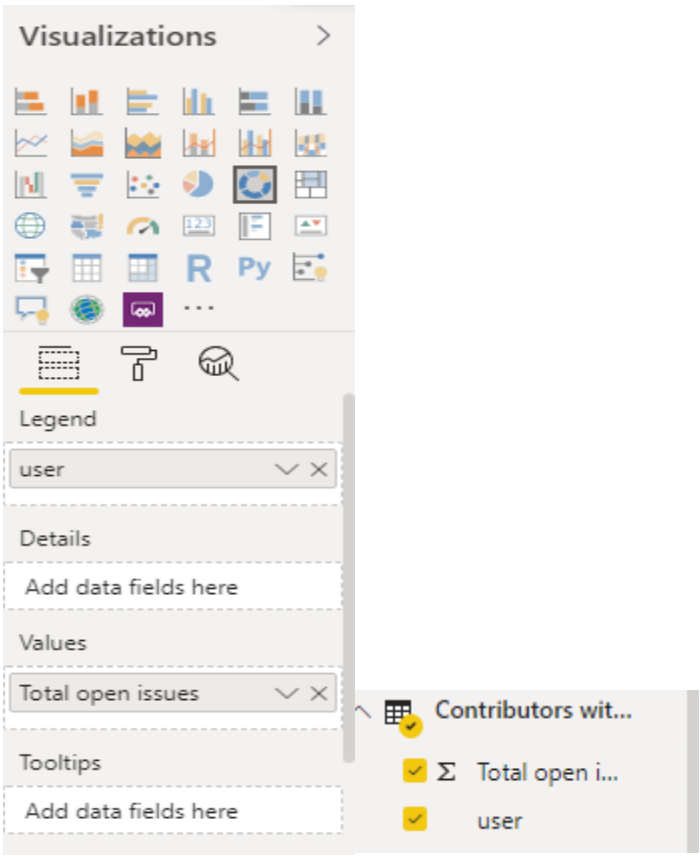
- Select visualization (line chart)
- Select ‘Commits’ data
- Drag and drop MonthYear field in legend and Total commits field in values
- The line chart will be shown as below



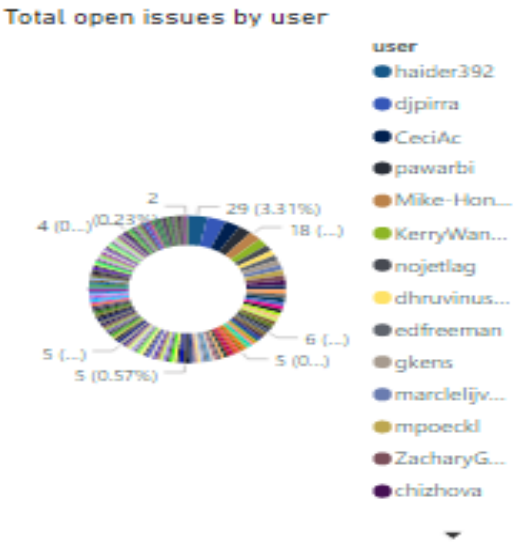


- Select visualization (stacked bar chart)
- Select ‘Users with 2.5% of total commits’ data
- Drag and drop user field in legend and % of total commits field in values
- The stacked bar chart will be shown as below





- Select visualization (Donut chart)
- Select ‘Contributors with open issues’ data
- Drag and drop user field in legend and total open issues field in values
- The Donut chart will be shown as below



Part 3 – Dashboard Table

Graph Type	Data being linked	Visualization Type	Visualization Purpose
Map	Deletions data	Treemap	By looking at area size it is easy to find which year deleted large amount of data
Chart	Additions data	Pie Chart	To identify year that includes maximum additions of data by recognizing color of year
Area Chart	Average area to close by date	Stacked Area Chart	Comparing average hours to close in different years
Chart	Commits	Line Chart	Fluctuations of commits by year accurately and identifying year with high and low commits
Bar Chart	Users with 2.5% of total commits	Stacked Bar Chart	Illustrate % of total commits by different bar heights to compare
Chart	Contributors with open issues	Donut Chart	Analyze data by focussing on value of proportion

References

Decker, A. (n.d.). Everything You Need to Know About Data in Sales. Retrieved June 26, 2020, from https://blog.hubspot.com/sales/data-in-sales

(n.d.). Retrieved June 26, 2020, from https://conestoga.desire2learn.com/d2l/le/content/356474/viewContent/7401935/View

Sign in: Microsoft Power BI. (n.d.). Retrieved June 26, 2020, from https://app.powerbi.com/groups/c9fed022-13a5-4b23-9937-16e054878bd7/dashboards/a2888c4f-5505-4c85-a65f-6132c85de37a?ctid=4ddd393a-e98a-4404-841f-c4becdd925a5

(n.d.). Retrieved June 26, 2020, from https://signup.microsoft.com/signup?sku=a403ebcc-fae0-4ca2-8c8c-7a907fd6c235&ru=https://app.powerbi.com?pbi_source=desktop&redirectedFromSignup=1&noSignUpCheck=1

Sign in: Microsoft Power BI. (2020, June 26). Retrieved June 26, 2020, from https://app.powerbi.com/groups/2ccf6978-4396-45de-9a5e-abce88f64566/dashboards/e858737d-1fa6-41bb-9109-7485bc59468c?ctid=4ddd393a-e98a-4404-841f-c4becdd925a5