**POWER BI**

**Step-1: Data Loading:** Open Power-BI and then go to Home -> Get Data -> Select your file format E.g.: Microsoft excel, csv, text etc.

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Now check for preview of your data, if correct dataset is selected then check the box on right to transform data first into power-BI

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**Step-2: Data Transformation - Removing NULL’s:**

Once you click on Transform Data, new Power BI Editor will get opened for modifications.

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**Removing NULLs –** Select Remove Empty option to eliminate all NULLs and blanks

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After applying SQL = Table.SelectRows(#"Changed Type", each [FRS Id] <> null and [FRS Id] <> "")

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**Step-3: Replacing values/errors –** Select respective column and go to transform over top left, select replace values or replace errors option

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Am replacing null with 999 values, click OK

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After applying SQL query, all values are replaced to 999

Query used: = Table.ReplaceValue(#"Filtered Rows”, null,999, Replacer.ReplaceValue, {"Unit Maximum Rated Heat Input Capacity (mmBTU/hr)"})

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**Step-4: Removing Unnecessary columns and rows:** select column and go to HOME -> REMOVE COLUMNS

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**After applying SQL - = Table.RemoveColumns(#"Replaced Value”, {"Primary NAICS Code"}). column Primary NAICS Code is removed**

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Once your dataset is ready for reporting, click on Close and Apply

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**Step-5: Creating Bar Charts:** Click on any visualization (Bar chart) on right, once you select the chart, you can see the line graph displayed on dashboard , where x and y fields have to select

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**Step-6: Creating Pie Charts**: select pie chart on right side of visualization option and then select respective columns which you want to display.

I want to show averages of all emission types in pie chart

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Now modify the title name, applying colors and borders. click on “format your visual” option and then select accordingly.

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**Step-7: Creating Area Charts:** Here I have applied filter for industries, click on area chart on right side of visualization

Under Filters tab, drag and drop Industries and select relevant industries

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Now add respective fields like Reporting year and Heat input capacity.

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**Overall Dashboard**

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**PUBLISH:**

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**LINK TO POWER\_BI:**

[**https://app.powerbi.com/groups/me/reports/125a7087-fe44-4574-8cc3-671a2e204727/ReportSectioncf4b179cdeaa7170abea?experience=power-bi**](https://app.powerbi.com/groups/me/reports/125a7087-fe44-4574-8cc3-671a2e204727/ReportSectioncf4b179cdeaa7170abea?experience=power-bi)