

Sector CEO Dashboard

We have project tracking dataset from a mining company. The dataset contains information about all the initiatives undergoing in specific mining areas.

We need to analyse the data and make dashboard that is visually appealing and report insights that are not only informative but also fully dynamic.

We encourage you to include any additional analysis (Other than those listed below) that you might be able to pull from the dataset.

Make a Power BI Dashboard evaluating the following:

1. Total budgets across the projects
 - Cumulative totals of Budget sought, Budget Required, Budget approved.
Hint: Use cards or similar visualization.
2. Total count of projects by Project Status
 - Make a visualisation having project counts by 'Planned/ Ongoing/ Executed'; 'On-Hold'; 'Dropped'.
 - Make sure in case of no project it shows '0' value.
3. Total project by Execution Status
 - Make a visualisation having project counts by 'On-track', 'Risk of Delay', 'Delayed', 'Not yet started'.
 - Make sure in case of no project it shows '0' value.
4. A clustered bar-graph for Category and Area of concern (Having Area of concern as clustered bars for each category on X-Axis)
Hint: Count of projects in the Y-Axis
5. A table with **Execution status** (Columns), **Project level** (Rows) and Count of projects (Value).
(In Case of null values make sure that it shows '0' value)
6. Make a measure to calculate '**Actual benefit accrual as on date (\$/T)**' for each Category and visualize this with your preferred visualization.
Hint: Sum of 'Estimate benefits (\$/T)' where 'Actual End date' is less than today's date

Global Slicers

1. Make Slicers for the below as a dropdown menu and make sure it applies to all visualizations in the dashboard:
 - **Priority**
 - **Project Level**
 - **Project Status**
 - **Budget Type**
 - **Project Level**
2. Make slicers for **Start Date (Actual)** and **End Date (Actual)** with a drag-and-drop slider functionality. This slicer should update the data in the 5th visualization above.