

Background

- Databricks deploys its products in multiple regions.
- Each region generates revenue and has dedicated cloud resource footprint.
- We measure the health of each region / product line by tracking the margins
- $\text{Margin} = (\text{Revenue} - \text{Cost}) / (\text{Cost})$


Exercise

Create a dashboard that measures the following:

1. Global month over month margin trend
2. Per region month over month margin trend
3. Per product line month over month margin trend
4. Per region, per product line month over month margin trend
5. An easy visualization that shows best & worst performing regions & product lines.

You can use any programming language of your choice.

Data

 Dashboarding exercise mock data

Next steps (after you receive this exercise):

1. 30m discussion to answer any questions about the exercise Sept 26th Tue 10AM PST
2. Email your code and screenshots of dashboard to meenakshi.kaulbasu@databricks.com
3. 45m live discussion for you to demo the dashboard. Sept 29th Fri morning or Monday morning (we can discuss this tomorrow).