

## Activity Power BI

### Submission Requirements

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- **Total Marks: 2 % of your overall grade**
- This activity must be completed in teams of 2 or otherwise, individually.
- Only one member should submit.
- Submit your files as **Name1(ERP1)\_Name2(ERP2)**
- **Submission Deadline: 28<sup>th</sup> April, 2025, 10.00 AM.**

### Task

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You are required to find a dataset on <https://opendata.com.pk/> with a business problem of your choice. No specific criteria for selection of dataset, however it must have sufficient columns (categorical and numerical) for you to effectively solve a problem.

Create a BI solution on Power BI consisting of a **title page** where you will share the name and link of your chosen dataset and the identified business problem to solve. This should also include some text explaining the work contribution of each member.

You are required to create **1 dashboard page** (consisting multiple charts) using visuals studied in class (e.g. area, bar, tornado, sunburst, radar, etc.) that help us better understand the problem identified. You may include some text for interpretation.

Submission Requirements:

- Power BI file.
- PDF document with screenshots of your charts/dashboard and some interpretations.

*Please note: This activity does not test your cleaning/EDA skills. If you think it is necessary, you may do so or else may choose to begin with a clean dataset.*

### Grading Rubric

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You will be graded on the following aspects:

1. Explanation of your thought process to solve the BI problem (via verbal explanation and text on dashboard)
2. Quality of Visualizations/ Dashboard/ Interactivity
3. Individual contribution

Teams will present their work to the instructor within **2-3 minutes** and will be graded on the spot during class. Students will be signing up for the slots for presentation (details will be shared). Those who are absent or late at their allotted time, automatically get a zero.