

Power BI Workshop – Assignment Instructions

This document explains **what you need to submit, how to submit it, and by when** for the Power BI Workshop assignment.

Please read this carefully before starting your submission.

Objective of the Assignment

The goal of this assignment is to ensure that you can:

- Load data into **Power BI Desktop**
- Perform basic **data transformation using Power Query**
- Build a **simple data model** (fact & dimension tables)
- Create **interactive visuals**
- Use **basic DAX measures**

This assignment is aligned with everything demonstrated during the workshop.

What You Need to Create

You are required to use the dataset provided (the one not used during sessions) and build **one Power BI report (.pbix)** that includes:

1. Data Preparation (Mandatory)

- Load the provided dataset into Power BI Desktop
- Perform at least **2 transformations** in Power Query (examples):
 - Remove unnecessary columns
 - Change data types
 - Split or rename columns
 - Create reference tables (Customer / Product / Date)

2. Data Model (Mandatory)

- Have **at least 1 Fact table and 2 Dimension tables**
- Relationships should be correctly created (Star Schema preferred)
- Take a **screenshot of the Model View**

3. DAX Measures (Mandatory)

Create **at least 2 DAX measures**, for:

- Row context
- Filter context

4. Report & Dashboard (Mandatory)

- Minimum **1 report page** with:
 - At least **3 visuals** (charts, tables, or cards)
 - At least **1 slicer** for interactivity
 - The report should be clean and readable
 - Take **screenshots of the final report page(s)**
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Submission Method (Very Important)

All submissions must be done via **GitHub Issues** in the workshop repository.

Issue Title Format (Strictly Enforced)

Power BI Assignment - 2xfx00xxxx

- Replace **2xfx00xxxx** with **your Student ID**
- Example:
- Power BI Assignment - 21f3001234

Incorrect titles will be **automatically rejected** by the system.

What to Include in the GitHub Issue

Your issue must contain:

1. PBIX File

Choose **one**:

- Upload the **.pbix** file directly **OR**
- Share a Google Drive / OneDrive link (with access enabled)

2. Screenshots (Mandatory)

Upload the following screenshots **inside the issue**:

1. **Final Report Page** (dashboard view)
2. **Model View** (relationships)

3. Short Description

- 2–5 lines explaining:
 - What your dashboard shows
 - What insights can be derived
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Submission Window (Strict Deadlines)

Submissions are accepted **only within this window**:

- **Opens: 23rd January, 10:00 AM (IST)**
- **Closes: 26th January, 11:59 PM (IST)**

Submissions created **before or after this window** will be **automatically closed** by the system.

Automated Checks (What the System Verifies)

When you submit your issue, an automated check will:

- Validate the **issue title format**
- Check for **screenshots**
- Check for **PBIX file or link**
- Confirm submission is within the **allowed time window**

You will receive:

- A confirmation comment if everything is correct
 - A fix request if something is missing
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Evaluation Criteria (High Level)

Your assignment will be reviewed based on:

- Correct use of Power BI concepts
- Proper data modeling
- Clarity and usefulness of visuals

- Clean and professional presentation

This assignment is meant for **learning**, not perfection.

Need Help?

If you face issues:

- Re-watch the workshop sessions
 - Check the examples shared during the workshop
 - Ask questions during the follow-up discussion on the G-space
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Best of luck, and enjoy building your Power BI dashboard!