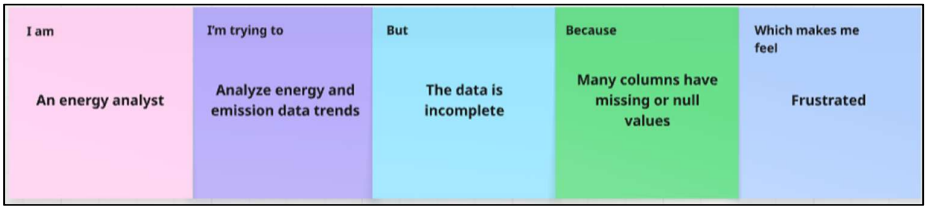
Project Initialization and Planning Phase

Date	30th July 2025
Team ID	xxxxxx
Project Name	Global Energy Trends: A Comprehensive Analysis of Key Regions and Generation Modes using Power BI
Maximum Marks	3 Marks

Define Problem Statements :

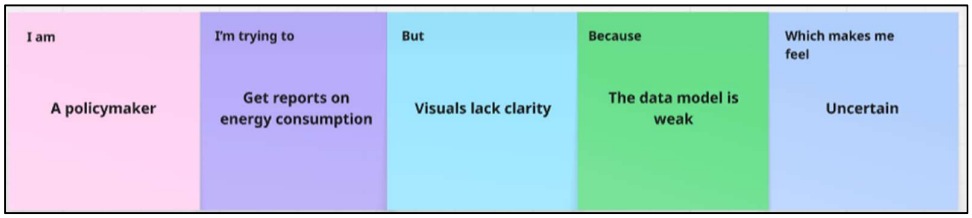
PS1:

The dataset used for analyzing energy and emission trends contains a significant number of missing and null values, making it difficult to perform accurate and meaningful analysis. This data quality issue leads to incomplete insights and undermines the reliability of the visualizations.



PS 2:

The Power BI dashboard lacks depth in analysis due to basic relationships and limited use of DAX measures. This restricts the user's ability to derive comprehensive insights from the energy and emissions data, resulting in less impactful decision-making.



Reference: https://miro.com/templates/customer-problem-statement/

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A sustainability analyst	Analyze global energy and emissions trends	The data is incomplete	It has many missing/null values across countries and years	Frustrated and stuck
PS-2	A policymaker looking to support clean energy goals	Get reliable reports on energy consumption	Visuals lack clarity	The data model is weak and relationships are not well established	Uncertain and confused