Initial Project Planning Report – Global Energy Trends

➢ Overview

- This document outlines the project planning timeline, task division, and phase-wise delivery structure for the "Global Energy Trends" Power BI dashboard project. Proper planning ensures efficient data collection, visualization, reporting, and documentation aligned with deliverable timelines and stakeholder expectations.

➢ Objectives of Planning

- Define all tasks clearly with start/end durations.
- Set up a feasible schedule for data gathering and visualization.
- Ensure documentation and dashboard development proceed in parallel.
- Allocate buffer time for testing and quality checks.

➢ Project Phases and Tasks

Phases	Task Description
Data Collection	Identify source (OWID), download dataset
Data Preprocessing	Clean data, remove nulls, format values in TWh
Feature Grouping	Classify into renewable/non-renewable manually
Data Visualization	Create graphs: cards, pie, area, bar
Dashboard Development	Add slicers, KPIs, trend lines
Report Writing	Final report with insights and storytelling
Documentation	Prepare problem statement, proposal, etc.
GitHub Upload	Structure repository and upload PDFs, PBIX, CSV