Project Design Phase-II Technology
Stack (Architecture & Stack)

Team Id	LTVIP2025TMID51076
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Date	23/06/2025

Technical Architecture:
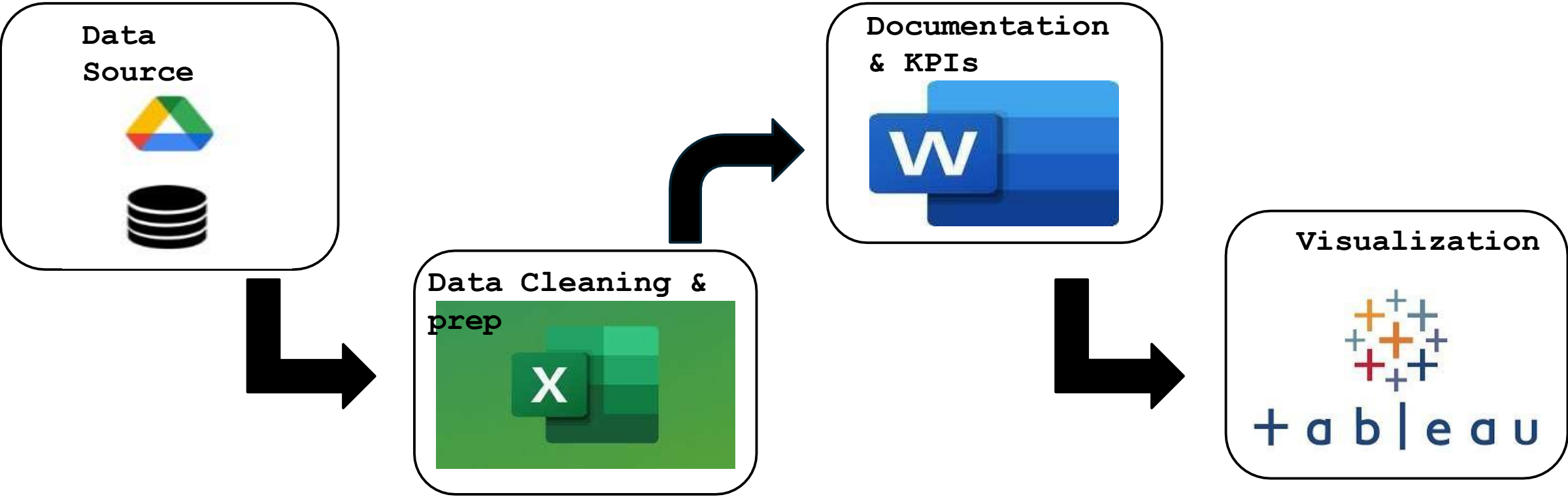
Stage	Tool/Platform	Purpose
1.Data Source	Drive	Source of raw data on EV analysis, preferences, and charging behavior
2.Data cleaning & Prep	Microsoft Excel	- Removed duplicates & nulls - Categorized food types, scores - Created calculated fields and pivot tables
3.Documentation & KPIs	Ms Word/ Google Docs	- Removed duplicates & nulls - Categorized food types, scores - Created calculated fields and pivot tables
4.Visualization	Tableau	- Created dashboards & charts - Built Tableau Stories for insights - Used filters and drill-down for deeper analysis
5.Stroy Telling	Tableau Story	- Presented key findings in narrative format - Used story points for step-by-step flow

6.Output Sharing	Tableau Public / Exported PDF	- Shared dashboards with faculty or team - Accessible reports and summaries