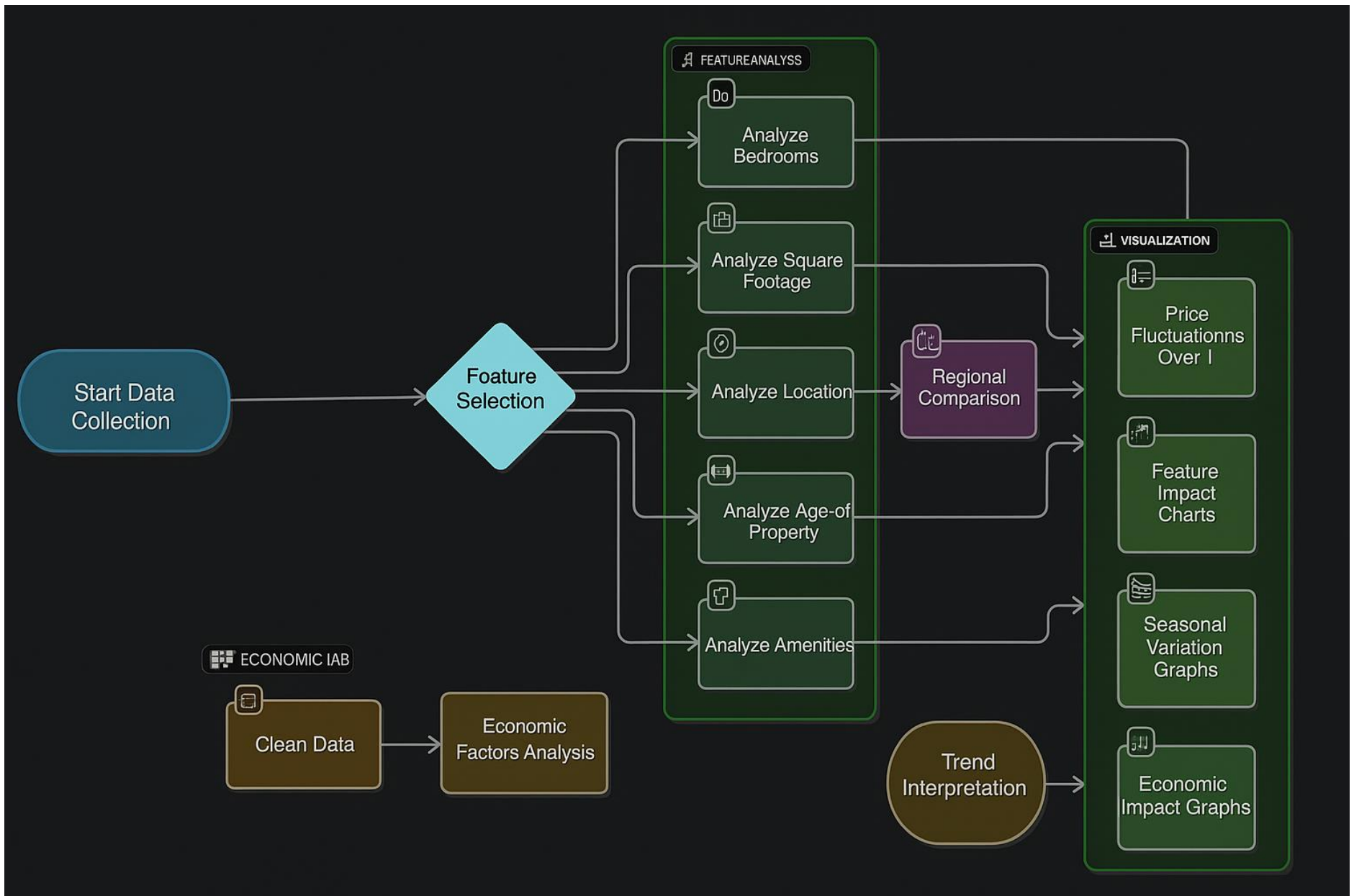


Project Design Phase-II
Data Flow Diagram & User Stories

Date	28 June 2025
Team ID	LTVIP2025TMID59682
Project Name	Comprehensive Analysis and Dietary Strategies with Tableau: A College Food Choices Case Study
Maximum Marks	4 Marks

Comprehensive Analysis and Dietary Strategies with Tableau: A College Food Choices Case Study

Data Flow Diagram



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority & Release
Analyst / Policymaker	View Electricity Trends	USN-1	As a user, I want to view electricity usage trends by region and year so I can identify peak periods.	I can filter and view charts for specific regions and years.	High / Sprint-1
Analyst	Compare States	USN-2	As a user, I want to compare the top and bottom electricity-consuming states.	I can view bar charts with top N and bottom N states.	Medium / Sprint-1
Policy Maker	Forecast Planning	USN-3	As a user, I want to analyze seasonal variations in usage to help plan future supply.	I can view monthly and quarterly consumption trends.	High / Sprint-2
Energy Consultant	View Impact of Lockdown	USN-4	As a user, I want to compare electricity usage before and after lockdown.	A before-after lockdown chart is available for selection.	High / Sprint-2
Developer	Connect Data	USN-5	As a user, I want the dashboard to be connected to a live database.	Data refreshes automatically from MySQL to Tableau.	Medium / Sprint-2
Developer	Export Insights	USN-6	As a user, I want to export dashboard views for use in presentations.	I can download dashboards as image or PDF formats.	Low / Sprint-3