Project Design Phase-II
Data Flow Diagram & User Stories

Date	31 January 2025
Team ID	LTVIP2026TMIDS90481
Project Name	IRevolution: A Data-Driven Exploration of Apple's iPhone Impact in India
Maximum Marks	4 Marks

Data Flow Diagrams:

Data Flow Diagram
I-Revolution: iPhone Impact in India
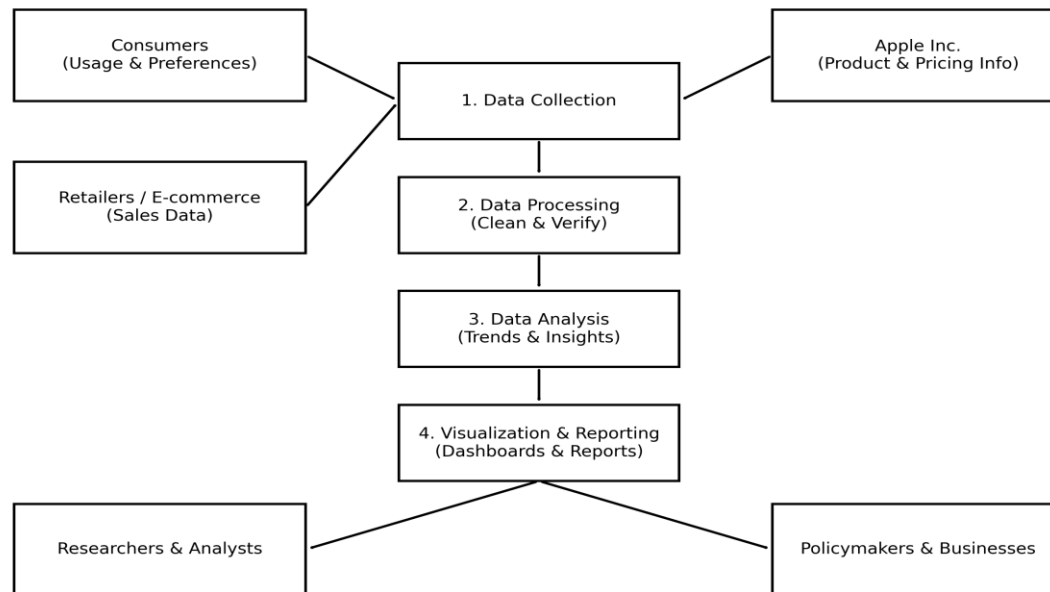
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register using email and password	Account is created and I can access my dashboard	High	Sprint-1
Customer (Mobile user)	Registration	USN-2	As a user, I receive a verification email after signup	Verification link works and login is enabled	High	Sprint-1
Customer (Mobile user)	Login	USN-3	As a user, I can log in using credentials	Successful login redirects to dashboard	High	Sprint-1
Customer (Mobile user)	Dashboard	USN-4	As a user, I can view iPhone adoption trends in India	Graphs display correct sales and usage data	Medium	Sprint-2
Customer (Mobile user)	Dashboard	USN-5	As a user, I can view price segment analysis of iPhone models	Price-range charts load properly	Medium	Sprint-2
Customer (Web user)	Data Exploration	USN-6	As a web user, I can filter data by year	Charts update based on selected year	High	Sprint-2
Customer (Web user)	Data Exploration	USN-7	As a web user, I can filter by city/region	Regional sales data changes correctly	High	Sprint-2
Customer (Web user)	Comparison	USN-8	As a web user, I can compare iPhone vs Android market share	Comparison chart shows correct percentages	High	Sprint-2
Customer (Web user)	Reports	USN-9	As a web user, I can download analytics report	CSV/PDF report downloads successfully	Medium	Sprint-3
Customer Care Executive	Support	USN-10	As a support executive, I can view user feedback	Feedback list with details is visible	Medium	Sprint-3
Customer Care Executive	Support	USN-11	As a support executive, I can respond to user queries	Replies are saved and visible to users	Medium	Sprint-3