Requirement Analysis

Solution Requirements (Functional & Non-functional)

Date	17 June 2025
Team ID	LTVIP2025TMID51790
Project Name	Strategic Product Placement Analysis: Unveiling Sales Impact with Tableau Visualization
Maximum Marks	4 Marks

Functional Requirements:

Following are the Functional requirements of the proposed solution

FR No	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Upload Dataset	• Upload Excel/CSV from local system
FR-2	Data Preprocessing	• Clean null values • Standardize data
FR-3	Generate Charts	• Line chart (Sales trend) • Bar chart (Sales by branch/product)
FR-4	Filter-based Interactivity	• Filters: by city, branch, product line, customer type

FR-5	Highlight Top/Bottom Products	• Show top 5 and bottom 5 products in a chart or heatmap

Non-Functional Requirements:

Following are the Non-Functional requirements of the proposed solution

NFR No	Non-Functional Requirement	Description
NFR-1	Usability	Dashboard must be clean, minimal, and easy to navigate
NFR-2	Security	Only team members can access dashboard file or link
NFR-3	Reliability	Should not crash while using filters
NFR-4	Performance	Dashboard should load within 5 seconds
NFR-5	Availability	Should work on both desktop and mobile devices
NFR-6	Scalability	Should allow additional filters or charts in future without issues