Solution Requirements – Product Placement Analysis

Functional Requirements

- Load dataset into Tableau successfully.

- Create calculated fields if needed.

- Create minimum 8 visualizations.

- Create an interactive dashboard with filters.

- Create a story with 3 scenes.

- Publish dashboard and story on Tableau Public.

- Embed dashboard and story in Flask Web Application.

- Provide user navigation (Home, Dashboard, Story).

Non-Functional Requirements

- Dashboard must be responsive.

- Filters should update all charts quickly.

- Visualization should be readable and properly labeled.

- System should run on normal laptop configuration.

- Tableau public link should be accessible anytime.

Performance Requirements

- Filters should respond quickly.

- Visualizations should load within 3-5 seconds.

- Dashboard should support multiple filter combinations.

Security Requirements

- Dataset should not contain private information.

- Published work should be safe for public viewing.