Functional Requirements – List of Features and Functionalities

Using established methods to define functional requirements:

- **MoSCoW Method** (Must have, Should have, Could have, Won't have)

  - Must have: Accurate sales forecasting, sentiment analysis integration, expert-supervised learning model.

  - Should have: Customizable data input formats, visual reporting dashboard.

  - Could have: API integration for external sales data sources.

  - Won't have: Blockchain-based transactions.

- **FURPS+ Model** (Functionality, Usability, Reliability, Performance, Supportability)

  - Functionality: Predict sales demand, analyze review sentiment, adjust pricing dynamically.

  - Usability: Simple user interface for data input and visualization.

  - Reliability: Continuous model training with historical data.

  - Performance: Fast prediction generation using optimized neural networks.

  - Supportability: Modular architecture for future enhancements.

- **Volere Requirements Specification**

  - Feature Set: Sales trend prediction, customer sentiment analysis, demand estimation.

  - Constraints: Needs internet connectivity, limited to structured data inputs.

  - Assumptions: Users provide accurate and timely data for analysis.