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Problem Statement

 Inaccurate forecasting can lead to overstocking or understocking of products, which can result in lost sales, increased costs, and reduced customer satisfaction. The company needs an accurate and reliable forecasting model that takes into account the various factors that influence demand and can provide timely and actionable insights to support decision-making.

Proposed model

The project will use the following models:

1. ARIMA
2. SARIMA
3. SARIMAX
4. Facebook prophet