

**A WEB-BASED
FORECASTING SYSTEM FOR LIQUID SALES AMOUNT
USING THE SINGLE MOVING AVERAGE METHOD
(Case study: King Vapor)**

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ABSTRACT

King Vapor is a shop that sells Liquid Vape. King Vapor is a shop that sells more than 100 types of liquid variants. Sales transactions reach dozens of times a day, with a single transaction containing dozens of liquid units, so there is often a shortage of stock. The reason is that King Vapor Part does not have a system that can estimate the inventory amount that must be carried out. Sales Forecasting Information System using Single Moving Average Method is used to solve these problems. This information system produces forecasts that can predict the sales amount in the future period, and this amount can be used as a reference in ordering goods from suppliers. Implementation of sales forecasting information systems can be used to forecast sales per month. This study aims to find out the results of forecasting for the targeted month's sales data. This study uses the Single Moving Average method, which is expected to be used for more accurate and efficient forecasting.

Keywords: Single Moving Average, Sales Forecasting, Information Systems.