BÁO CÁO BÀI THỰC HÀNH 1

* Đọc dữ liệu

A screenshot of a computer program

AI-generated content may be incorrect.

* Lọc dữ liệu với Publication\_Day = Saturday

A screen shot of a computer code

AI-generated content may be incorrect.

* Xử lý missing value ở df\_Saturday\_train

A computer code on a dark background

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

* Thực hiện Label Encoding

A screen shot of a computer code

AI-generated content may be incorrect.

* Sử dụng Mô hình SARIMAX

A screen shot of a computer program

AI-generated content may be incorrect.

A blue graph with white text

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

* Sử dụng mô hình SARIMAX:
* SARIMAX (Seasonal AutoRegressive Integrated Moving Average with eXogenous regressors) là một kỹ thuật dự báo chuỗi thời gian mạnh mẽ mở rộng mô hình ARIMA truyền thống để tính theo mùa và các yếu tố bên ngoài. Đây là một mô hình đa năng có thể chứa cả các thành phần tự hồi quy và trung bình động.
* Trong SARIMAX, Kalman Filter được sử dụng để ước lượng các tham số và dự báo chuỗi thời gian trong các bước dự báo.