NAPQUEEN TASK 1

Introduction

In this notebook, we address Task 1 of the NapQueen project, which focuses on
crucial for effective inventory management, demand planning, and strategic dec

[43]:
```
import pandas as pd
import pmdarima as pm   # provides statistical models for time series
import matplotlib.pyplot as plt
import seaborn as sns
from datetime import timedelta    # supplies classes for manipulating
```

[44]:
```
# Importing the datasets i.e., both train and test dataset files
train_data = pd.read_csv("C:\\Users\\Paritosh Mathur\\Downloads\\trai
test_data = pd.read_csv("C:\\Users\\Paritosh Mathur\\Downloads\\test.
```

The below code converts the date columns in train_da pd.to_datetime() function from the pandas library. The be parsed as dates are set to NaT (Not a Time) rather t data more robustly.

[24]:
```
train_data['date'] = pd.to_datetime(train_data['date'], errors='coerc
test_data['date'] = pd.to_datetime(test_data['date'], errors='coerce'
```