GeakMinds
geeks in action

System Test

Task 1:

Task1.xlsx file has item sales data for specific projects. Write SQL queries to get the following results:

1. Get the number of items sold for each material on the first-time occurrence.
2. Get 2nd highest number of items sold for each material.

Task 2:

Task2.xlsx file represents a vendor order data and shows the time taken for vendors to deliver the ordered item.

Perform the below tasks on this data:

1. Analyze the data to come up with some insights.
2. Create a ML model to predict the number of days i.e., column **DAYS.**

Task 3:

Task3.csv file is a time series data. Perform below tasks on the data. Step 2 and 3 will be optional but good to have.

1. Forecast for next 6 months.
2. Identify the anomalies in the data and flag them as **high (Red)**, **medium (Orange)** and **low (Yellow)**.
3. Also plot the data with anomalies as specified by color coding.

Note: Notebooks should be shared in both ipynb and HTML format. Please code the task3 in such a way that the notebook can be run with different data to get the results without any major changes.