**Project 3 – Medical Inventory Optimization and Forecasting**

**Research Articles:**

1. Optimization of Inventory Management to Prevent Drug Shortages in the Hospital Supply Chain

<https://www.mdpi.com/2076-3417/11/6/2726>

1. Early-warning indicators to prevent stock-outs and overstocking of antiretroviral, antituberculosis and antimalaria medicine

<https://iris.who.int/bitstream/handle/10665/44546/9789241500814_eng.pdf>

1. Reducing stock-outs of essential tuberculosis medicines: a system dynamic modelling approach to supply chain management

<https://academic.oup.com/heapol/article/32/8/1127/3852233>

1. An Optimization of Inventory Demand Forecasting in University Healthcare Centre

<https://iopscience.iop.org/article/10.1088/1757-899X/166/1/012035/pdf>

1. Forecast Order Demand and Visualization

<https://www.kaggle.com/code/imsanjoykb/forecast-order-demand-and-visualization>

1. Walmart Sales Forecasting

<https://www.kaggle.com/code/aslanahmedov/walmart-sales-forecasting>