**Outliers are just outliers and should not be necessarily tagged as anomalies**

The Power BI anomaly detection algorithm which runs on time series data marks some of the data points as anomalies, whereas a close examination of data will reveal that they are just outliers. In my experience of dealing with corporate datasets I have realised that outliers are just outliers and cannot be tagged as anomalies.

To substantiate my view I have taken dataset from Hospital billing system. Here I have plotted the anomaly detected by Power BI. This datapoint was tagged as anomaly due to a sudden jump in billings. A close examination of the disease will reveal that the billing amount is within the normal range for that disease. This spike in billing cannot be tagged as anomaly.

What is your view on this?

Graphical user interface, application, Word

Description automatically generated