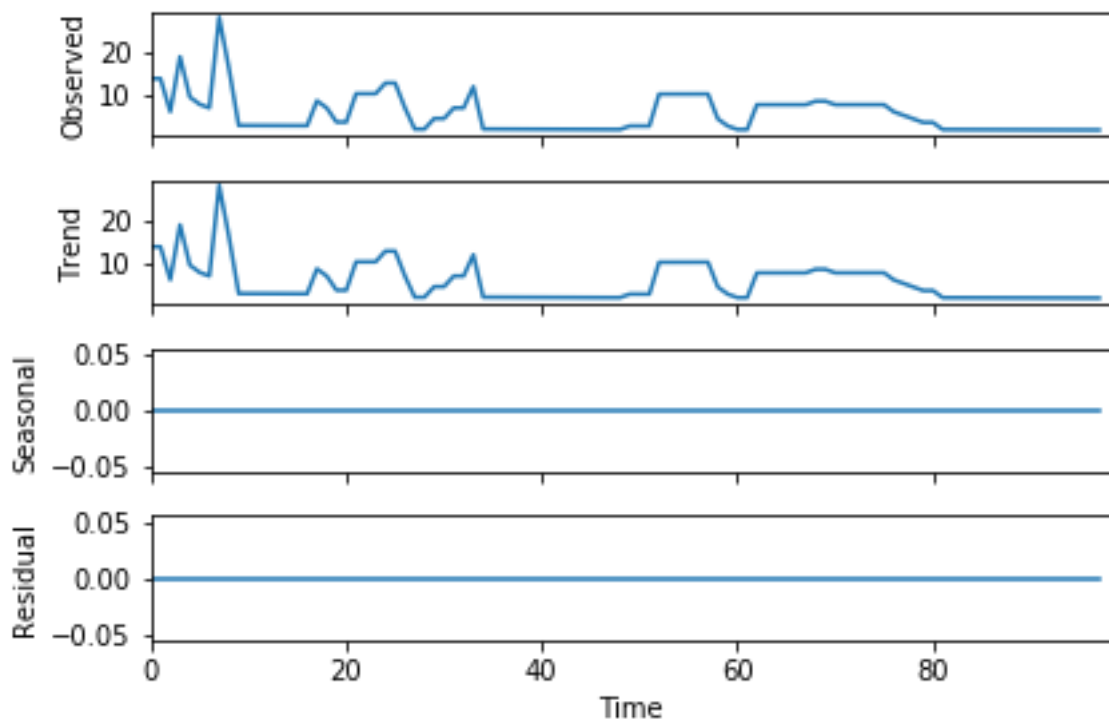
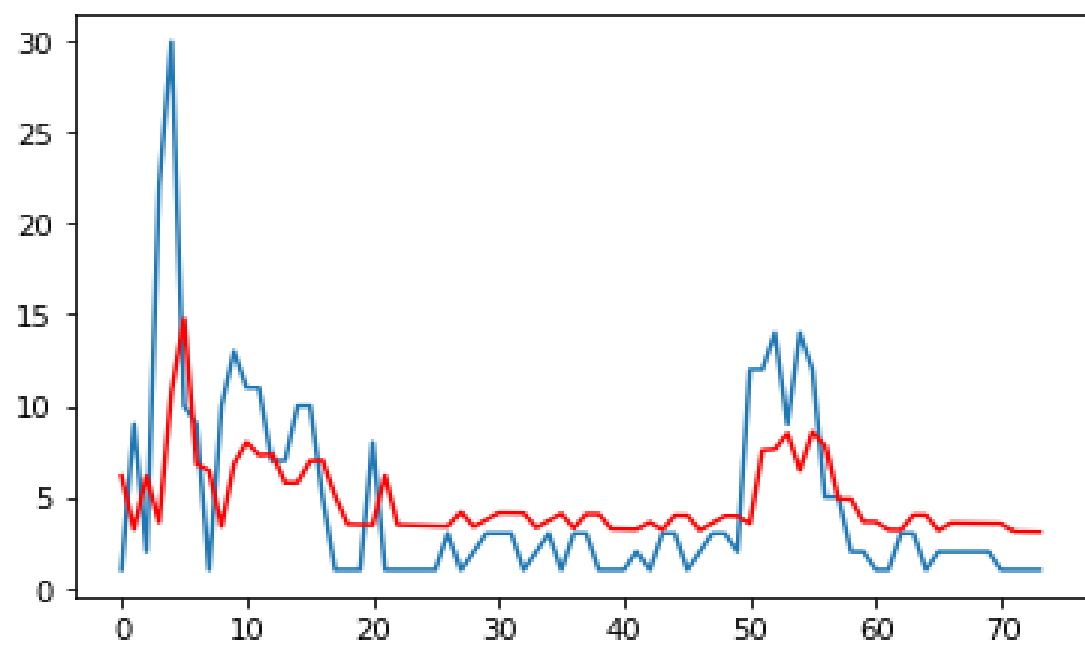


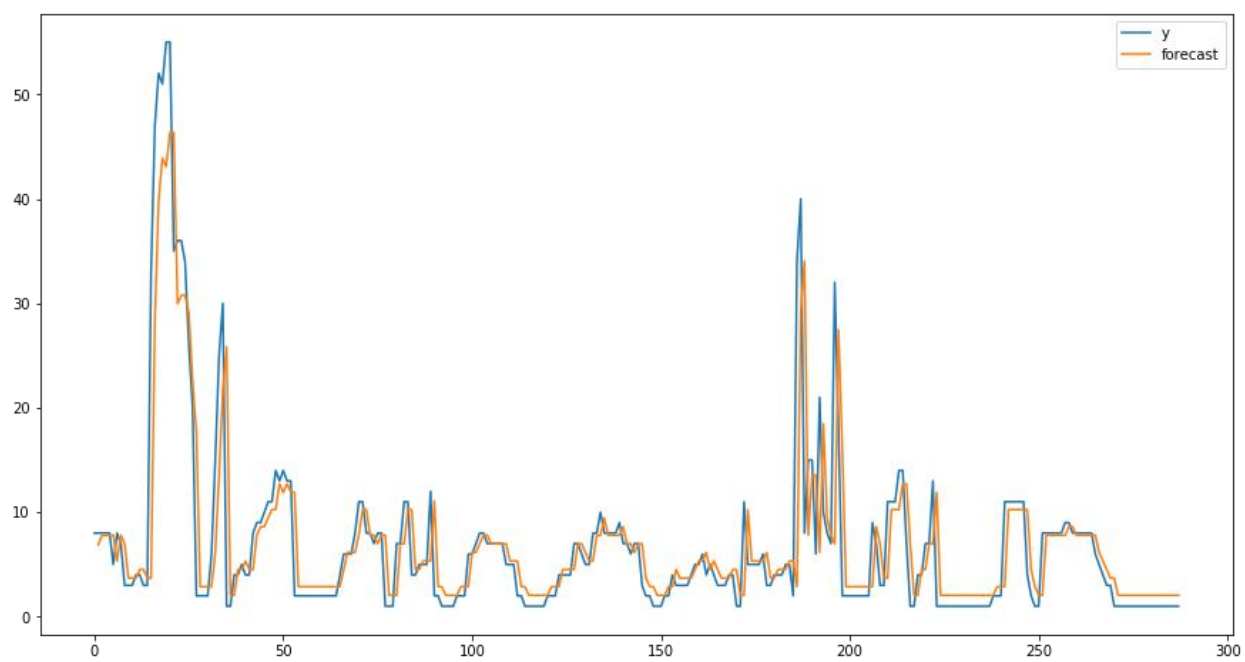
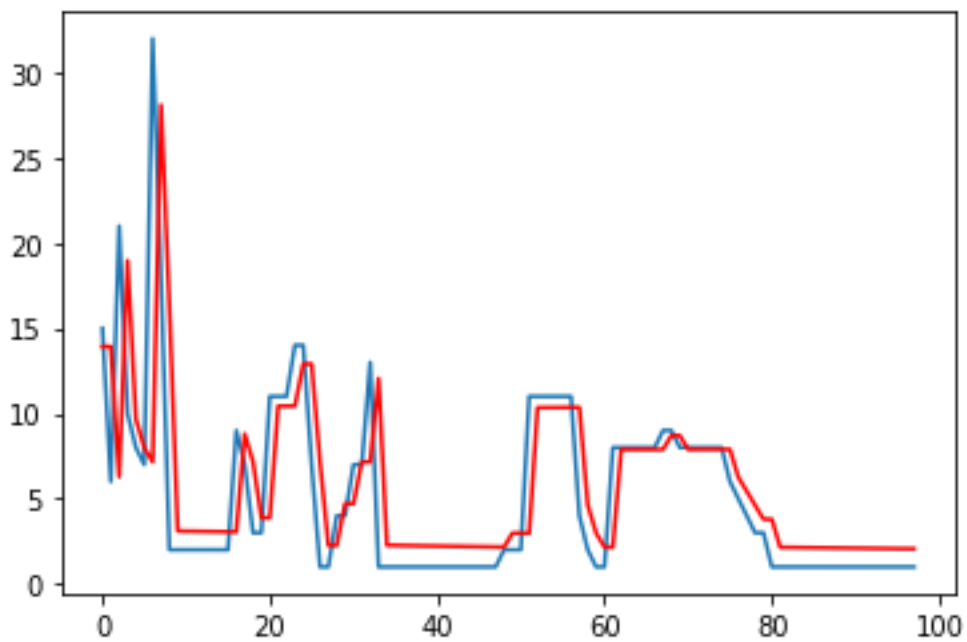
Assignment 5

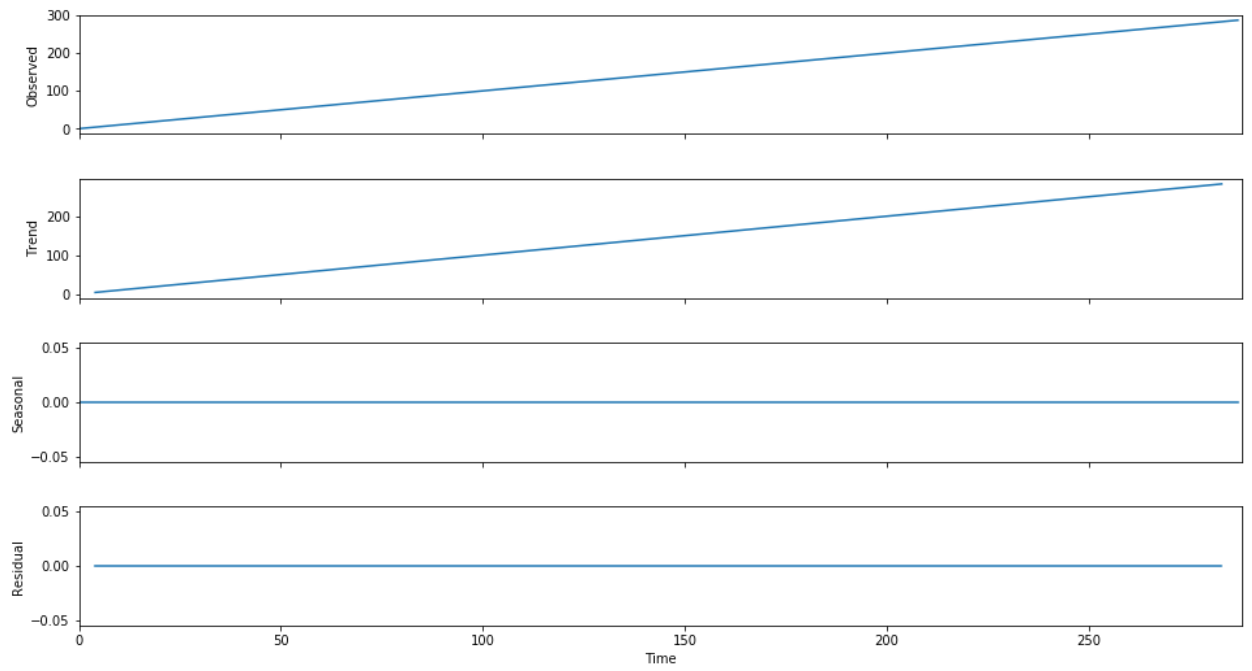
Rupa Rajendran

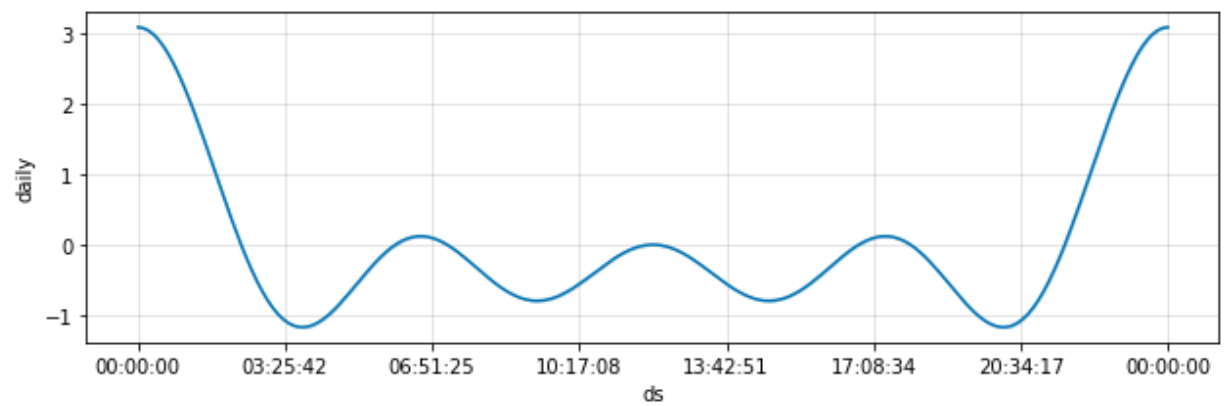
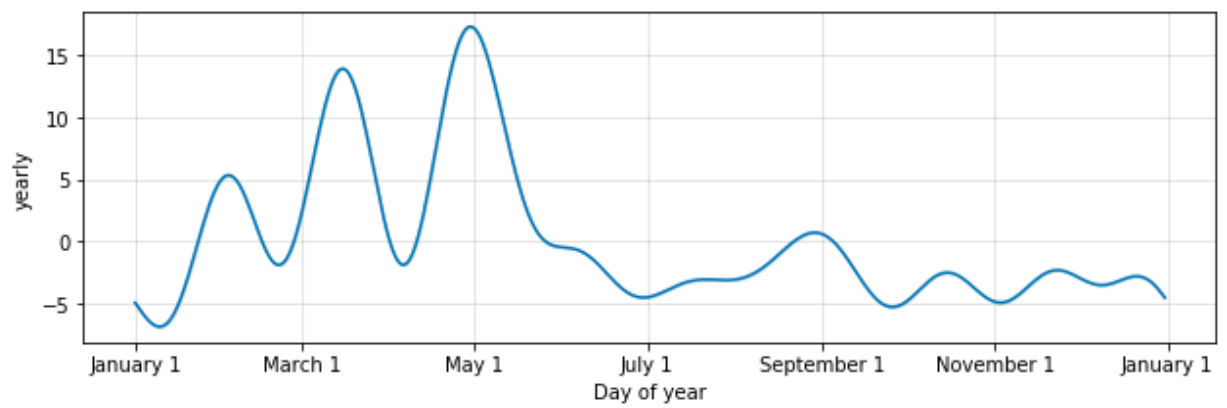
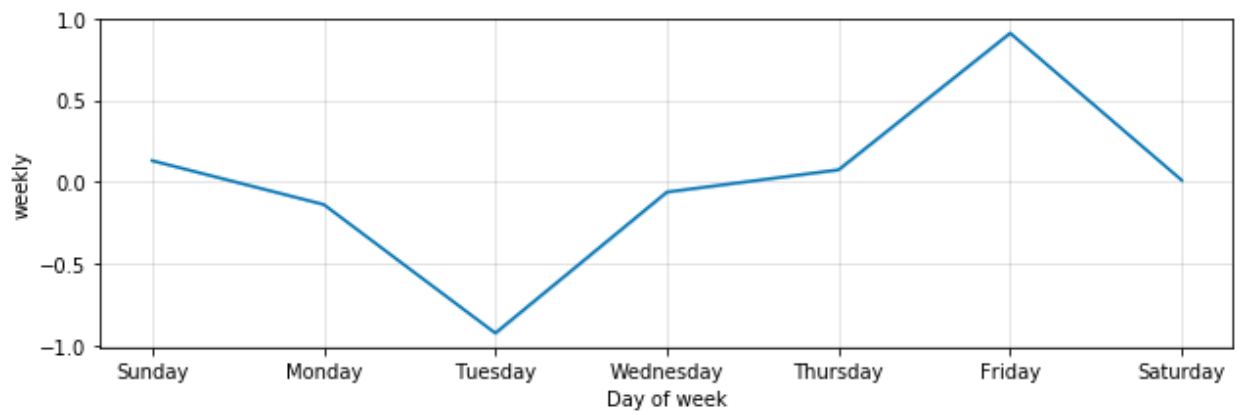
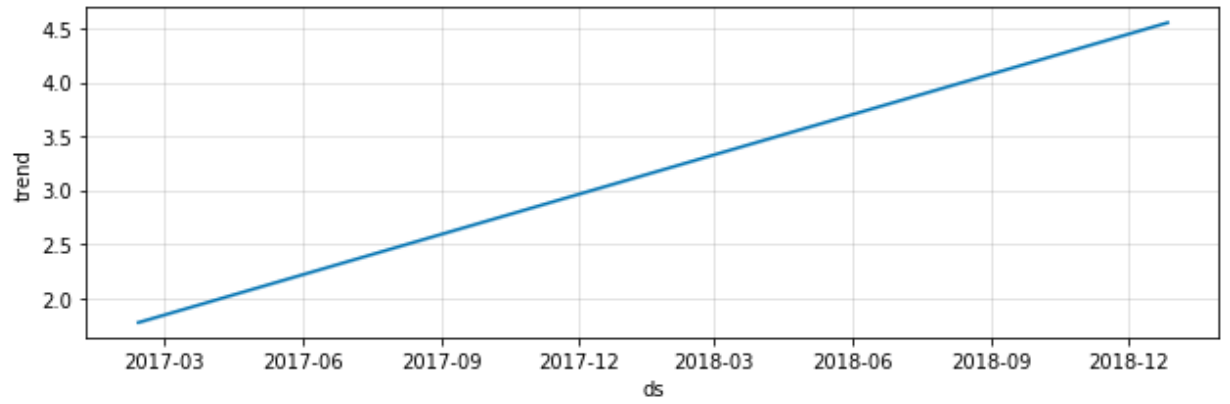
- Are there any useful patterns of outliers in the dataset?
- What are the UCL (Upper Control Limit) and LCL (Lower Control Limit) for certain issue metrics?
- Can the outliers detect hidden problems in the given dataset?
- What is the correlation between outliers and hidden problems in the given dataset?
- How to detect if there is problem hidden in the given dataset?
- How to detect if certain engineer deliberately creates issues with Priority Critical?
- How to detect if certain origination phase causes majority of the in progressCritical-Bug issues?
- Can you chart the patterns of outliers in the dataset?
- Can you create the right pivot stackedbar chart? How to group multi-levels?
- Group by Origination phase or Category for example. How many Levels of indexing?
- Should the Priority be displayed in a pivotchart of DetectionPhase for example
- What is the avg number of issues opened per DetectionPhase?
- What is the avg turn around time per issue (time from the day the issue created till it got closed)?
- What is the avg number of rejected issues opened per eningeer?
- What is the avg number of critical issues opened per eningeer?
- What is the avg number of rejected issues per OriginationPhase?
- What is the avg number of critical issues per OriginationPhase?
- What is the avg number of created issues per OriginationPhase?
- What is the avg number of rejected critical issues per OriginationPhase?
- What is the ratio of total number of critical to medium issues per OriginationPhase?
- Which month got the maximum number of Critical issues created? Which week got the minimum number of issues created?

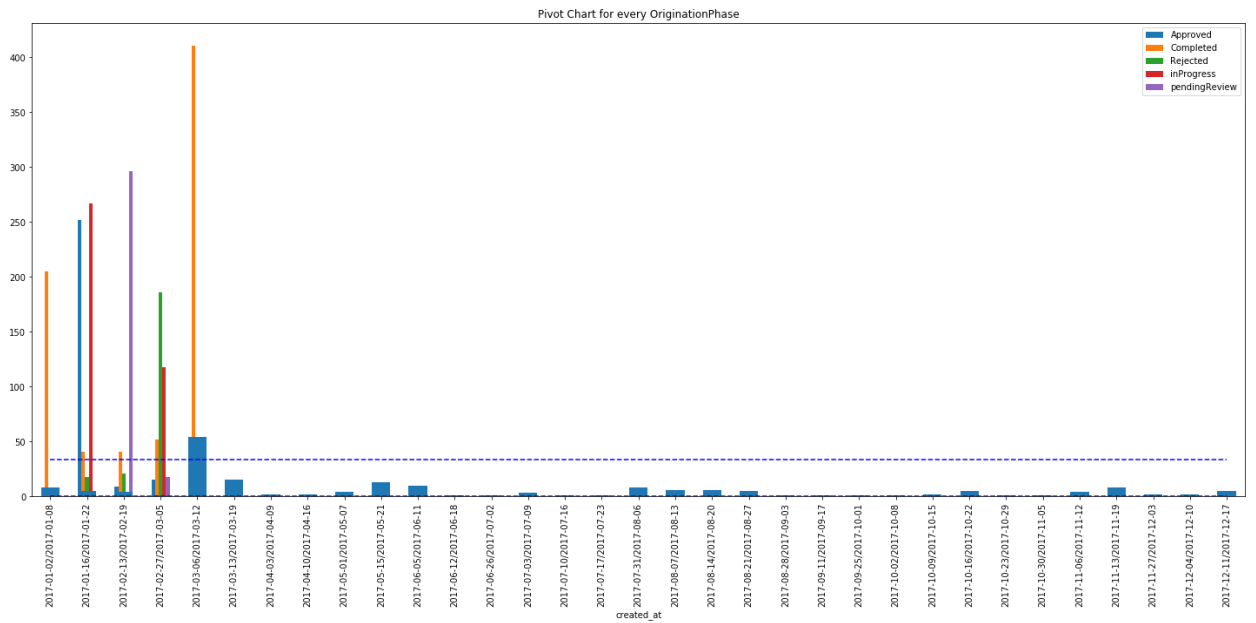
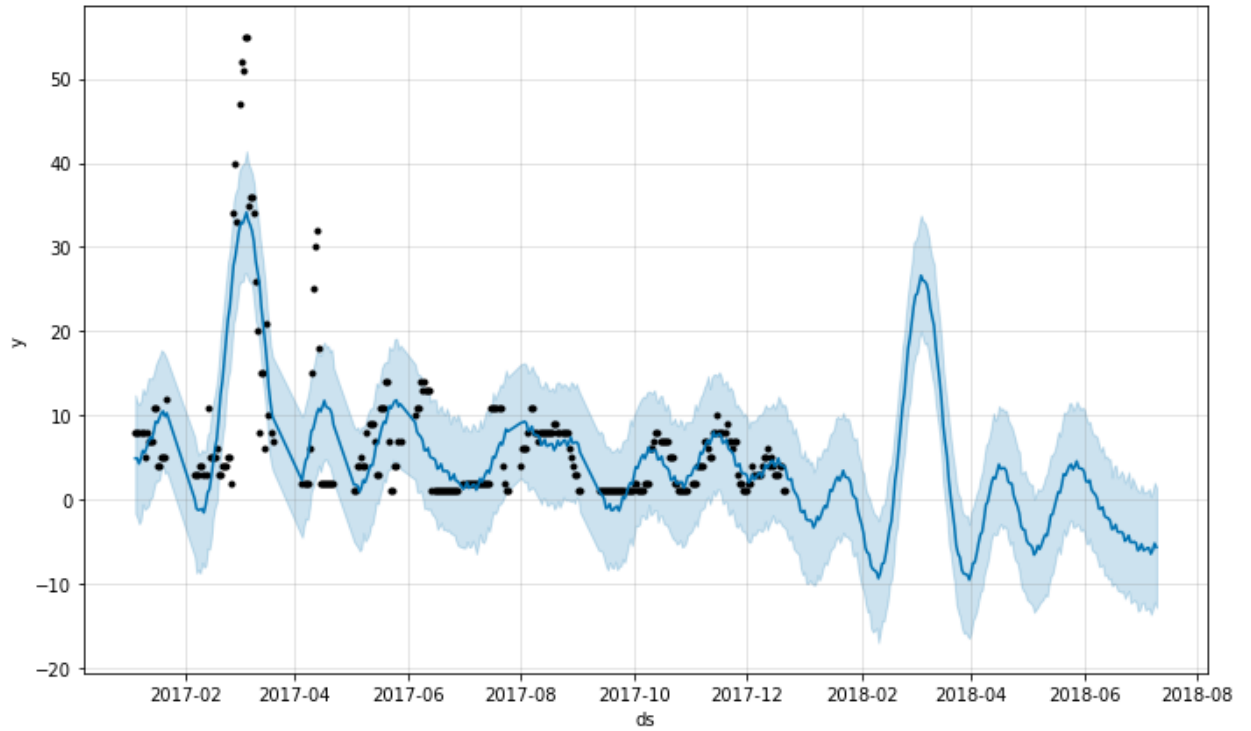
For the given data the following graphs gives us an insight on how the date set works and we can try analysing from those graphs the key points.











Bar chart for every detection phase

