**Work Done**

Dataset Used : <https://nwis.waterdata.usgs.gov/nwis/uv?cb_00095=on&cb_00300=on&cb_63680=on&cb_63680=on&format=rdb&site_no=01632900&period=&begin_date=2017-01-27&end_date=2017-03-21>

Number of Columns:4

Number of Rows:5172

Tests done on Dataset to check Stationarity:

1. Moving Average Plot
2. Augmented Dickey Fuller Test
3. PACF, ACF Plots to determine parameters of ARIMA

Models used for Time Series Prediction:

1. ARIMA
2. ARIMA with differencing
3. Seasonal ARIMA

Anomaly Detection Methods Used:

1. Isolation Forest
2. OpenSVM
3. Gaussian Distribution