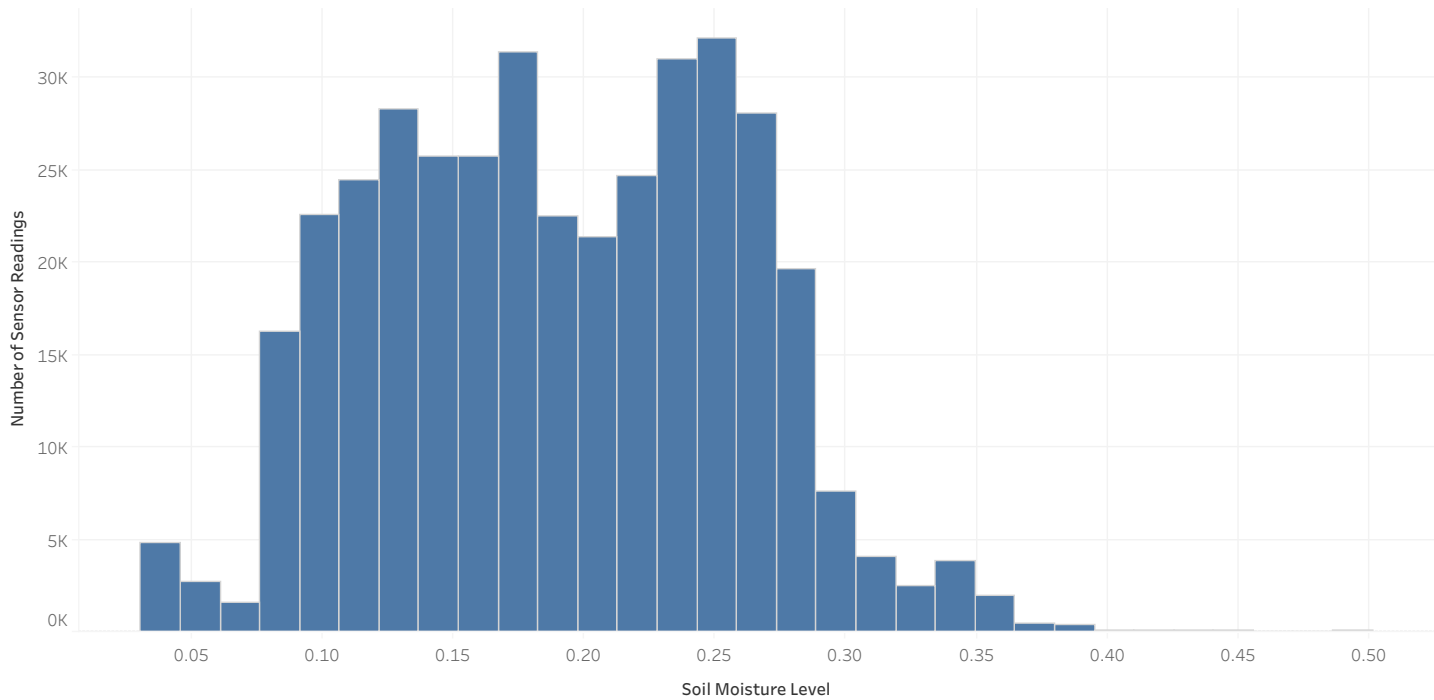


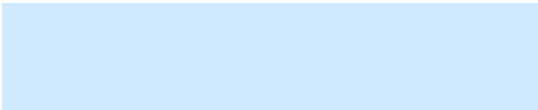
EDA: Distribution of Soil Moisture Sensor Readings



Current Soil Moisture Status

Soil Moisture: 0.2287  
Time: 2/26/2015 12:00:00 AM

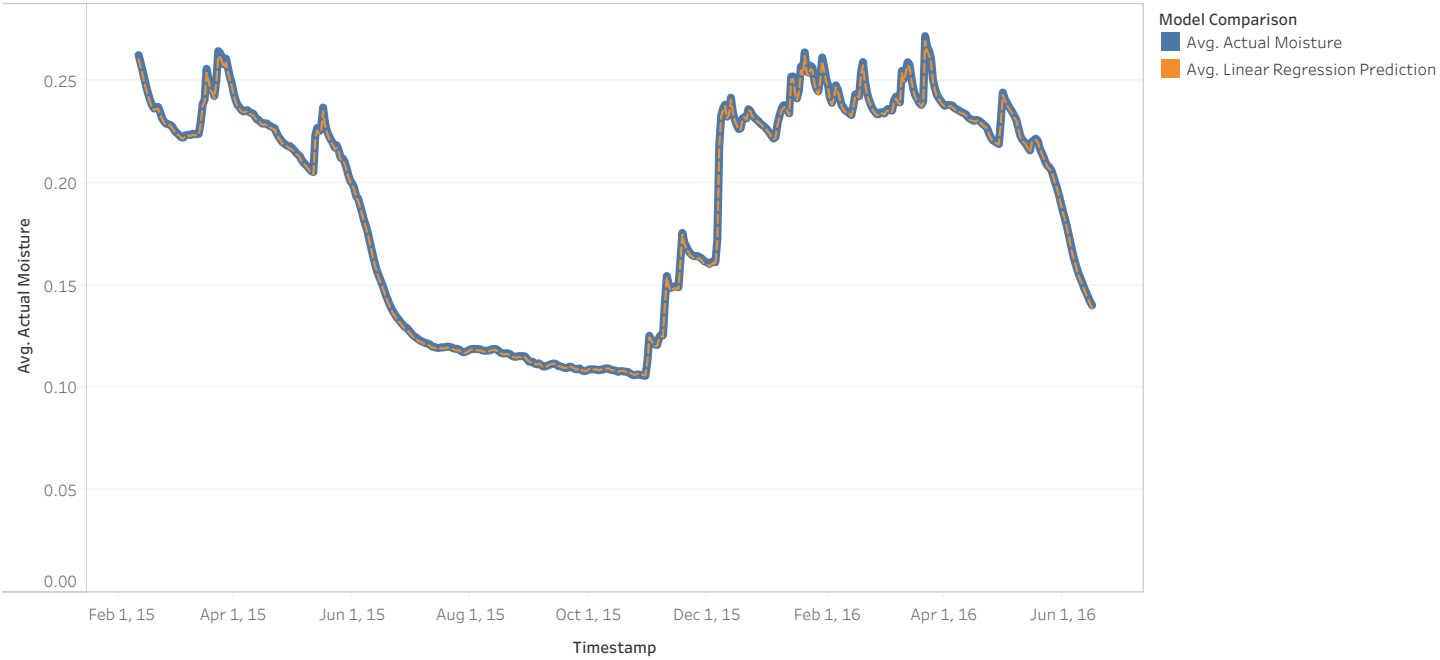
Current Soil Moisture Status



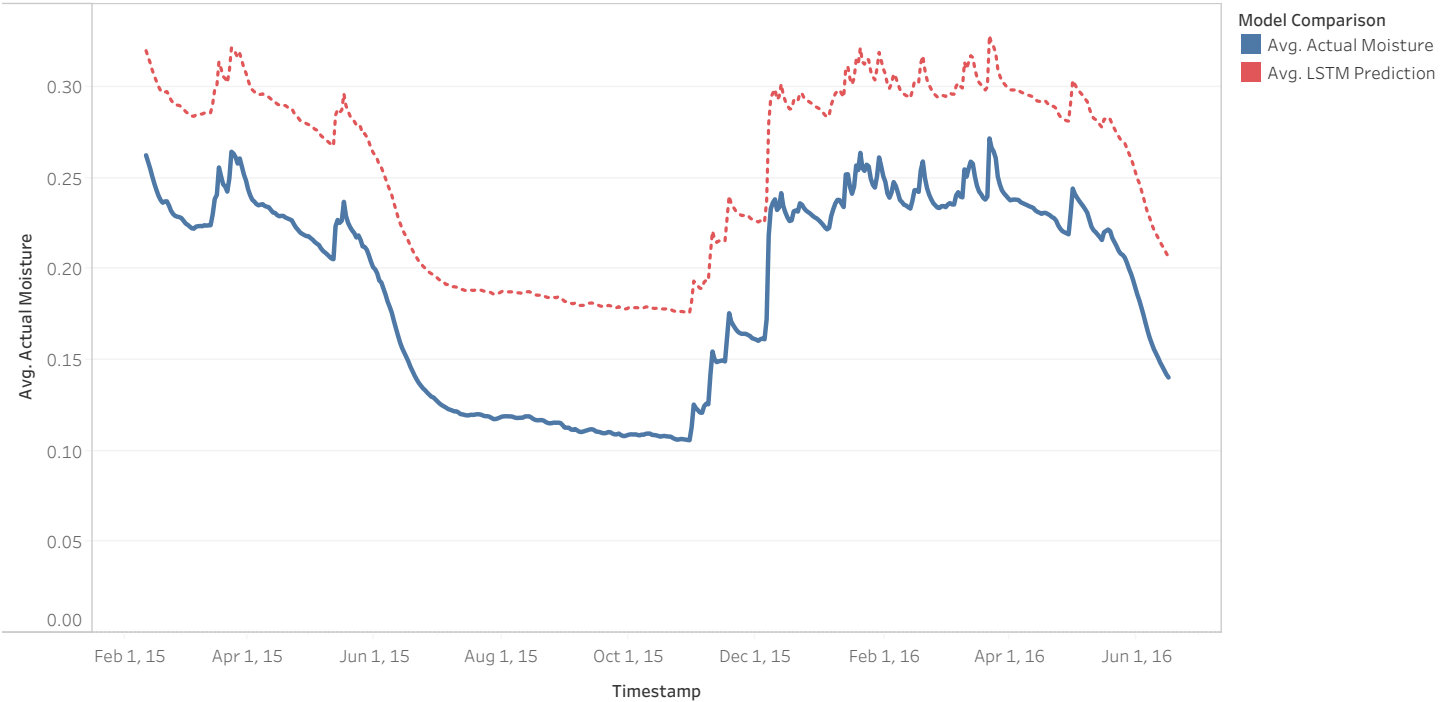
Historical Moisture Trend



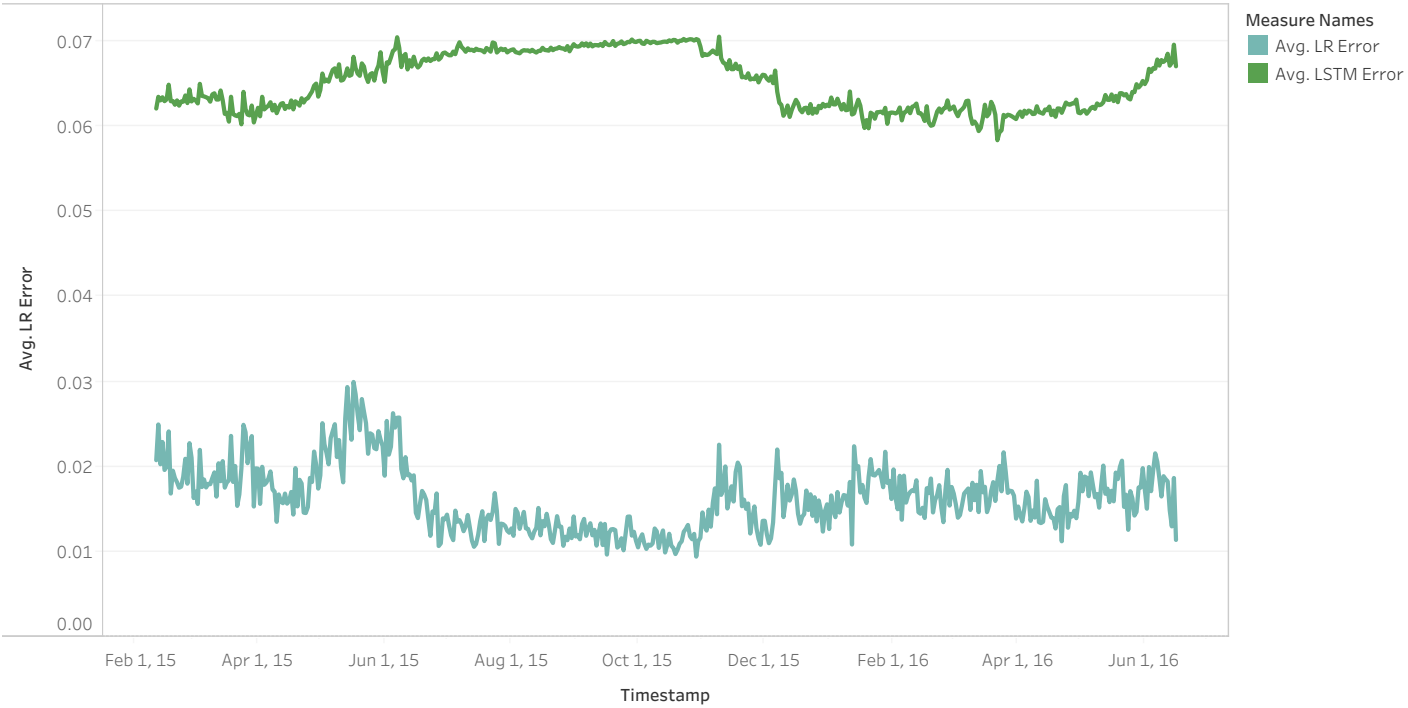
Machine Learning Insight: Linear Regression Forecast vs Actual



Deep Learning Insight: LSTM Forecast vs Actual



Model Performance Comparison: Prediction Error Over Time



# IoT Soil Moisture Monitoring & Machine Learning Analysis Dashboard

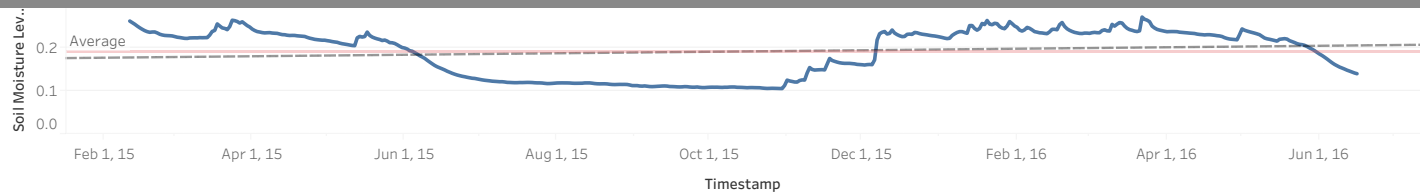
## Current Soil Moisture Status

Soil Moisture: 0.2287  
Time: 2/26/2015 12:00:00 AM

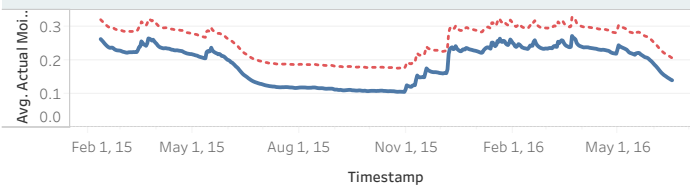
Select Time  
2/26/2015 12:00:00 AM

Model Comparison  
Avg. Actual Moisture  
Avg. Linear Regression..

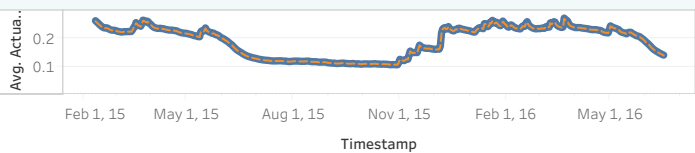
## Historical Moisture Trend



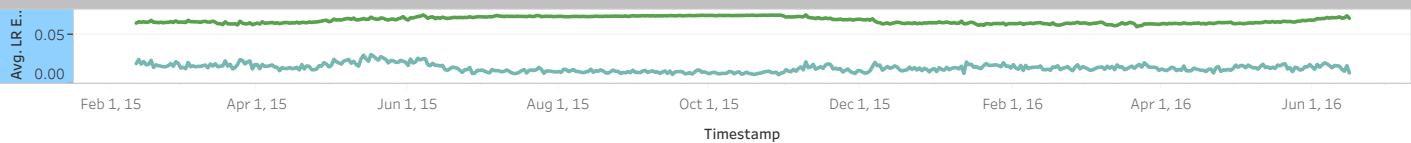
## Deep Learning Insight: LSTM Forecast vs Actual



## Machine Learning Insight: Linear Regression Forecast vs Actual



## Model Performance Comparison: Prediction Error Over Time



## EDA: Distribution of Soil Moisture Sensor Readings

