

Weekly Report: MD. Ariful Islam Shakil

Week-04 (April 14 – April 18)

1. Machine Learning Project

- **Tesla Stock Price Prediction Project:**
 - Data preprocessing
 - Exploratory Data Analysis
 - Model training (Linear regression, XGBoost, Neural Network, LSTM, GRU)
 - Model evaluation
 - Inference

2. Test Driven Development

- a) Unit Testing
- b) Integration Testing
- c) System Testing
- d) Regression Testing
- e) Acceptance Testing and
- f) Mock Testing

3. Leet Code Problem Solving

- Some problem based on stack