

Weekly Report: MD. Ariful Islam Shakil

Week-02 (march 24 - march 28)

1. Machine Learning specialization:

- i. Course 02: Advanced Learning Algorithms
 - i. Week-02: Activation function (Sigmoid and Softmax), Binary and Multiclass Classification, Multilayer Neural network.
 - ii. Week-03: Diagnosis bias and Variance, Regularization, Learning Curve.

2. Mathematics for Machine Learning: Linear Algebra

- i. Week – 01: Introduction to Linear Algebra
- ii. Week – 02: Basic operations of vector (dot product, projection, changing basis)
- iii. Week – 03: Matrices operations (Transformation, Gaussian Elimination, Determinant, Inverse of Matrices)

3. SDLC

- i. Lecture 01: Basic Concept of Agile.