Week 12

Name:
Mobile:

Personal Development Workouts
1. Finish reading the next 50 pages of the book Atomic Habits by James Clear and prepare an audio note on each chapter.
Atomic habits is without a shadow of a doubt one of if not the most influential books I have read. The section which stayed with me after finishing the next 50 pages is the part where he explained how repetition is more important than perfection.   *Link to audio note*

Technical Workouts

1. Feature selection techniques in ML.
    a. Create a notebook feature selection techniques using python.
 2. Feature Engineering Techniques in ML
    a. Create a notebook with feature engineering techniques using python
 3. Classification
    a. Classification concepts
    b. Types of Classification
 4. Classification Algorithms:
    a. Implement Logistic Regression
    b. Implement Naive Bayes Classifier
    c. Implement K-Nearest Neighbors

For this task i went through a few youtube channels and the documentation provided by geeks for geeks

For this task, I went through various YT channels including codebasics, campus x and the tasks provided by kaggle.
For this video I went through the various concepts from codebasics YT channel.
For this video I went through the concepts and the corresponding exercises provided in Kaggle.

Miscellaneous Workouts
1. Practice typing for at least one hour each day. Finish as many chapters as possible as you can. Don't spend more than an hour each day.   2. Prepare a topic for the tech seminar. Record and upload it on youtube as an unlisted video.   3. Conduct a Feedback session by the end of this week.   4. Prepare your progress video for the last week. Record and upload it on youtube as an unlisted video.
Typing has always been one of my weakest links and it has been steadily improving thanks to this workout.   *Link to screenshot image*
For this week I chose the consequences of quantum computers on our public encryption keys as my topic.   *Link to your seminar video*
Link to the document containing notes for your feedback session
This week I was introduced to the various machine learning algorithms.   *Link to your progress video*