**Week 13**

**Name:**

**Mobile:**

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| **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. |
| *Write a short description about this task*  *Link to the folder containing your audio summary* |

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| **Technical Workouts** |
| 1. Feature selection techniques in ML.    1. Filter, Wrapper, Embedded, Hybrid    2. Create a notebook feature selection technique using python. 2. Feature Engineering Techniques in ML    1. Discretization, Categorical encoding, Feature splitting, Imputation    2. Create a notebook with feature engineering techniques using python. 3. One workout each for Feature engineering and Feature selection. 4. Learn about these topics 5. Scaling. 6. Feature transformation 7. Creating features 8. Handling Outliers 9. Variable transformation 10. Classification 11. Classification concepts 12. Types of Classification 13. Classification Algorithms: 14. Implement Logistic Regression 15. Implement Naive Bayes Classifier 16. Implement K-Nearest Neighbors |
| *Write a short description about this task* |
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| **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. |
| *Write a short description about this task*  *Link to screenshot image* |
| *Write a short description about this task*  *Link to your seminar video* |
| *Link to the document containing notes for your feedback session* |
| *Write a short description about this task*  *Link to your progress video* |