1. Rajasthan\_ConvLSTM\_and\_Conv3D\_AVHRR.ipynb: ML/DL models for VHI of Rajasthan region
2. New\_ConvLSTM\_and\_Conv3D\_AVHRR.ipynb: ML/DL models for VHI of Karnataka region along with ensemble models
3. DIfferent ML models Total.ipynb: Some other ML/DL models for VHI of Karnataka region
4. Peninsular\_ConvLSTM\_and\_Conv3D\_AVHRR.ipynb: ML/DL models for VHI of Peninsular India region
5. Peninsular\_DIfferent ML models.ipynb: Some other ML/DL models for VHI of peninsular India region
6. multivariate\_LR.ipynb: Convlstm models for rainfall+VHI data of Karnataka
7. Different model rfvhi.ipynb: implementation of different models for rainfall+VHI data of Karnataka
8. Outputs\_for\_all.ipynb: Combined output generation for all models and all datasets
9. Model\_1\_avhrr\_peninsular.ipynb: P2P and BiCP2P model for VHI peninsular India
10. Model\_1\_avhrr\_rf\_vhi.ipynb: P2P and BiCP2P for rainfall +VHI data of Karnataka
11. Gan\_convlstm\_total\_avhrr.ipynb: BiCP2P model for VHI Karnataka
12. Model\_1\_avhrr\_total.ipynb: P2P model for VHI Karnataka
13. BiCP2P rajasthan.ipynb: BiCP2P model for VHI Rajasthan
14. Model\_1\_avhrr\_rajasthan.ipynb: P2P model for VHI Rajasthan
15. AVHRRR\_rajasthan\_data\_clip.py: cropping rajasthan from global avhrr data
16. AVHRRR\_Peninsular\_India\_data\_clip.py: cropping peninsular India from global avhrr data
17. Missing\_values\_refill.ipynb: missing week data refilling of avhrr data
18. AVHRRR\_karnataka\_data\_clip.py: cropping karnataka from global avhrr data