

1. **Time series forecasting**
2. **The weather dataset**
3. **Wind velocity**
5. **Feature engineering**
6. **Wind**
7. **Time**
8. **Split the data**
9. **Normalize the data**
10. **Data windowing**
11. **Single step models**
 - **Baseline**
12. **Linear model**
13. **Dense**
 - **Multi-step dense**
14. **Convolution neural network**
15. **Recurrent neural network**
 - **Performance**
16. **Multi-output models**
 - **Baseline**
 - **RNN**
17. **Advanced: Residual connections**
 - **Performance**
18. **Multi-step models**
19. **CNN**
20. **RNN**
21. **Advanced: Autoregressive model**
22. **Performance**