**🔮 Summary Table:**

| **Data Type** | **Typical Models** |
| --- | --- |
| Time Series | LSTM, GRU, 1D CNN, Transformer |
| Text | RNN, LSTM, BERT, GPT, Seq2Seq |
| Images | CNN, ResNet, Vision Transformer, GAN |
| Tabular | XGBoost, LightGBM, MLP, TabNet |
| Graphs | GCN, GAT, Node2Vec |
| RL Environments | DQN, PPO, Actor-Critic + CNN/RNN |

LSTM WORKING VIDEO: <https://www.youtube.com/watch?v=YCzL96nL7j0>

DEEP LEARNING PLAYLIST: <https://www.youtube.com/watch?v=zxagGtF9MeU&list=PLblh5JKOoLUIxGDQs4LFFD--41Vzf-ME1>

Studying the dataset:

 Q-factor is stable with small fluctuations, suggesting noise or short-term patterns.

 Power is mostly constant (-5.03 dBm later), with early variability (-4.15 to -4.16).

 CD shows larger swings, potentially carrying more predictive information.

 Duplicates exist (e.g., February 4, 2015), which I’ll assume are errors unless you confirm otherwise.