Demo of Machine Learning Algorithms

Github Data Sets:

https://github.com/svelrajan/saro-nw/tree/main/pythonapps

1. **Linear Regression (with train/test data split, model accuracy score and data/equation plot)**

https://drive.google.com/drive/u/0/folders/1-2ptXzDB83rgcHLPQJIMwNpUO_txu7_w

2. **Logistic Regression (with train/test data split, model accuracy/precision scores and data plot)**

https://colab.research.google.com/drive/1843_w9M5WLcsCgeUn0Ev30eayHSi598D

3. **Comparison of Model Accuracy**
   - ARIMA
     https://colab.research.google.com/drive/1zjx3XreOAoqZ6NOQglYbtSluAP9jjmhn?usp=drive_link

   - SARIMA
     https://colab.research.google.com/drive/1WVy1tGTZ6Jj-1ERoQV87Pl6zIlDQ8vsZ?usp=drive_link

   - SARIMAX
     https://colab.research.google.com/drive/1E_zgLydqv6WEgx67gMPG9ryYKMPBwriR?usp=drive_link

4. **Clustering**

https://colab.research.google.com/drive/1GWMOSektRHI69wESNET5ho3_XT_uMIE9