SLOG SOLUTIONS PRIVATE LIMITED
TECHNOLOGY:

ARTIFICIAL INTELLIGENCE

ARTIFICIAL INTELLIGENCE

NUMPY, PANDAS, STATISTICS & MATHEMATICAL

- Numerical Python (Numpy)
- Data Manipulation with Pandas
- Data Visualization
- Introduction to Statistics
- Types of Distributions
- Hypothesis Testing
- Bayesian Statistics
- Mathematical
- Statistics intuition

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MACHINE LEARNING

- *Introduction to Machine Learning*
  - *Supervised (Regression/ Classification)*
  - *Unsupervised Learning*
  - *EDA and DataWrangling*
  - *Feature Selection and Dimensional Reduction*
  - *Modelling Tools*
  - *Cross-Validation and HyperParameter Tuning*
  - *Evaluation Metrics and Improvement Techniques*
  - *Criteria to Select Models*
  - *Linear Regression*
  - *Polynomial Regression*
  - *Regularization with Lasso/Ridge Regression*
  - *Step Regression*
  - *Logistic Regression*
  - *K Nearest Neighbours*
  - *Support Vector Machine (SVM)*
  - *Decision Tree*
  - *Naive Bayes*
  - *Ensembling*
  - *Random Forest*
  - *Time Series*
  - *Unsupervised Learning*
  - *K Means*
  - *Dimensionality Reduction using PCA*
  - *Hierarchical Clustering*

DEEP LEARNING

- Artificial Neural Networks In Python
- Activation Functions
- New Strategies for Optimizing
- Tensorflow
- Keras
- Pytorch
- OpenCV
- Types of Networks
- CNN(Convolutional Neural Network)
- Architectures
- Recurrent Neural Networks
- Transfer Learning
- AutoEncoders
- GANs
- NLP Natural Learning Process
- NLTK
- Attention Mechanism
- Miscellaneous

REINFORCEMENT LEARNING AND ARTIFICIAL SUPER INTELLIGENCE

- Element of Reinforcement Learning
- OpenAI/Gym
- Dynamic Programming
- Markov Decision Process
- Monte Carlo Methods
- Temporal Difference