



Machine Learning

Capabilities

We deliver state-of-the-art machine learning and pattern recognition solutions optimized for each use case by combining cutting-edge research expertise with real-world problem-solving.



- Computer Vision
 - Techniques
 - Image classification
 - Object detection
 - Image segmentation
 - Face and person recognition
 - Image restoration
 - Feature matching



- Applications
 - Object tracking/counting
 - People demographics (age, gender)
 - People re-identification
 - Liveness detection
 - Sports events detection
 - Document structure recognition
 - Photo verifications
 - AI video surveillance system
 - Medical imaging
 - Intelligent video analytics
 - OCR





- Natural Language Processing

- Techniques

- Machine translation
- Question and answering systems
- Text summerizations
- Sentiment analysis
- Speech recognition
- Token classification

- Applications

- Chat bot
- Email filtering
- Review Analysis



- Data Science/Machine Learning

- Techniques

- Sequence analysis
- Clustering
- Data mining
- Dimensionality reduction
- Data analysis and visualisations

- Applications

- Recommender systems
- Stock market predictions



- General ML

- End to end model pipeline development - (Research to productionized system)
- Code and model optimization (Parallel computing, Model pruning, Quantization)
- CPU and GPU accelerators (Openvino, TensorRT)
- Edge computing (Nvidia JETSON devices, Intel Neural Compute Stick)
- Experiment tracking and model registry
- Model training with GPU in local/remote servers
- Develop algorithms for client requirements
- Develop simple web interfaces



Tools and Technologies



Get Our Services

dtc.syntaxgenie.com/hire

Be a part of the team

dtc.syntaxgenie.com/apply