

Inspiring the  
Leading  
Technologies



# ElysiumPRO

## Final Year Projects

# Python - I



elysiumpro.in

Titles & Abstract  
**2023-2024**





# PYTHON - I



| Project ID | Title   | Domain |
|------------|---|--------|
| EPROPYN001 | A Hybrid Posture Detection Framework: Integrating Machine Learning and Deep Neural Networks                 | Python |
| EPROPYN002 | A Machine Learning-Based Classification and Prediction Technique for DDoS Attacks                           | Python |
| EPROPYN003 | Sentiment Analysis and Emotion Detection on Cryptocurrency Related Tweets Using Ensemble LSTM-GRU Model     | Python |
| EPROPYN004 | Robust Network Intrusion Detection System Based on Machine-Learning With Early Classification               | Python |
| EPROPYN005 | A Survey of Machine Learning Approaches Applied to Gene Expression Analysis for Cancer Prediction           | Python |
| EPROPYN006 | DL-GuesS: Deep Learning and Sentiment Analysis-Based Cryptocurrency Price Prediction                        | Python |
| EPROPYN007 | Machine Learning and Deep Learning Approaches for Cyber Security: A Review                                  | Python |
| EPROPYN008 | Practical Strategies for Extreme Missing Data Imputation in Dementia Diagnosis                              | Python |
| EPROPYN009 | Deep Learning Based Attack Detection for Cyber-Physical System Cyber security: A Survey                     | Python |
| EPROPYN010 | A Survey on Mathematical, Machine Learning and Deep Learning Models for COVID-19 Transmission and Diagnosis | Python |





# PYTHON - I



| Project ID | Title  | Domain |
|------------|--|--------|
| EPROPYN011 | Data Mining Applications to Fault Diagnosis in Power Electronic Systems A Systematic Review                            | Python |
| EPROPYN012 | Pearson Correlation Coefficient-Based Performance Enhancement of Broad Learning System for Stock Price Prediction      | Python |
| EPROPYN013 | Cost Sensitive Boosting Pruning Tree For Depression Detection on Twitter   | Python |
| EPROPYN014 | Anomaly Detection with Resource Constraint Environment on Streaming Data   | Python |
| EPROPYN015 | Comparing Recognition Performance and Robustness of Multimodal Deep Learning Models for Multimodal Emotion Recognition | Python |
| EPROPYN016 | A Sentiment Classification Method of Web Social Media Based on Multi-dimension and Multi-level Modeling                | Python |
| EPROPYN017 | StreamDFP: A General Stream Mining Framework for Adaptive Disk Failure Prediction.                                     | Python |
| EPROPYN018 | Plant Disease Identification Using a Novel Convolutional Neural Network  | Python |
| EPROPYN019 | Efficient Medical Diagnosis of Human Heart Diseases Using Machine Learning Techniques With and Without Grid Search CV  | Python |
| EPROPYN020 | A Malware Detection Approach Using Auto encoder in Deep Learning   | Python |





# PYTHON - I



| Project ID | Title   | Domain |
|------------|---|--------|
| EPROPYN021 | Modified Genetic Algorithm for Feature Selection and Hyper Parameter Optimization: Case of XGBoost in Spam Prediction | Python |
| EPROPYN022 | Stacking Ensemble Learning for Non-Line-of-Sight Detection of Global Navigation Satellite System                      | Python |
| EPROPYN023 | A Review of the Machine Learning Algorithms for Covid-19 Case Analysis  | Python |
| EPROPYN024 | Epileptic Seizure Detection by Cascading Isolation Forest-Based Anomaly Screening and Easy Ensemble                   | Python |
| EPROPYN025 | Fault Knowledge Transfer Assisted Ensemble Method for Remaining Useful Life Prediction                                | Python |
| EPROPYN026 | Improving the Reliability of Network Intrusion Detection Systems through Dataset Integration                          | Python |
| EPROPYN027 | Prediction of Diabetes Empowered With Fused Machine Learning  | Python |
| EPROPYN028 | Credit Card Fraud Detection Using State-of-the-Art Machine Learning and Deep Learning Algorithms                      | Python |
| EPROPYN029 | An Efficient and Fast, Noninvasive, Auto-Fluorescence Detection Method for Early- Stage Oral Cancer                   | Python |
| EPROPYN030 | Multivariate Feature Ranking With High-Dimensional Data for Classification Tasks                                      | Python |





# PYTHON - I



| Project ID | Title  | Domain |
|------------|--|--------|
| EPROPYN031 | Prediction of Malignant Breast Cancer Cases using Ensemble Machine Learning: A Case Study of Pesticides Prone Area | Python |
| EPROPYN032 | A Deep Learning-Based Framework for Phishing Website Detection   | Python |
| EPROPYN033 | Classification of Alzheimer's Disease Using RF Signals and Machine Learning  | Python |
| EPROPYN034 | An Unsupervised Noisy Sample Detection Method for Deep Learning-Based Health Status Prediction                     | Python |
| EPROPYN035 | Within-Project Defect Prediction of Infrastructure-as-Code Using Product and Process Metrics                       | Python |
| EPROPYN036 | An Analysis on Ensemble Learning Optimized Medical Image Classification With Deep Convolutional Neural Networks    | Python |
| EPROPYN037 | On the Properness of Incorporating Binary Classification Machine Learning Algorithms into Safety-Critical Systems  | Python |
| EPROPYN038 | Internet of Things (IoT) and Machine Learning Model of Plant Disease Prediction-Blister Blight for Tea Plant       | Python |
| EPROPYN039 | Symptom Based Explainable Artificial Intelligence Model for Leukemia Detection                                     | Python |
| EPROPYN040 | Machine Learning With Variational AutoEncoder for Imbalanced Datasets in Intrusion Detection.                      | Python |





# PYTHON - I



| Project ID | Title  | Domain |
|------------|--|--------|
| EPROPYN041 | Deep Learning for Road Traffic Forecasting: Does It Make a Difference?   | Python |
| EPROPYN042 | Cyber Security Intrusion Detection for Agriculture 4.0: Machine Learning-Based Solutions, Datasets, and Future Directions. | Python |
| EPROPYN043 | A heterogeneous ensemble learning method for neuroblastoma survival prediction.  | Python |
| EPROPYN044 | Advance Genome Disorder Prediction Model Empowered With Deep Learning.   | Python |
| EPROPYN045 | Learning Latent Representation for IoT Anomaly Detection   | Python |
| EPROPYN046 | Detecting Disorders of Consciousness in Brain Injuries From EEG Connectivity Through Machine Learning.                     | Python |
| EPROPYN047 | Ensemble-based Deep Learning model for network traffic classification  | Python |
| EPROPYN048 | A Survey of Deep Learning Techniques for Underwater Image Classification.  | Python |
| EPROPYN049 | Master Face Attacks on Face Recognition Systems.   | Python |
| EPROPYN050 | A Two-Stage Underwater Enhancement Network Based on Structure Decomposition and Characteristics of Underwater Imaging.     | Python |



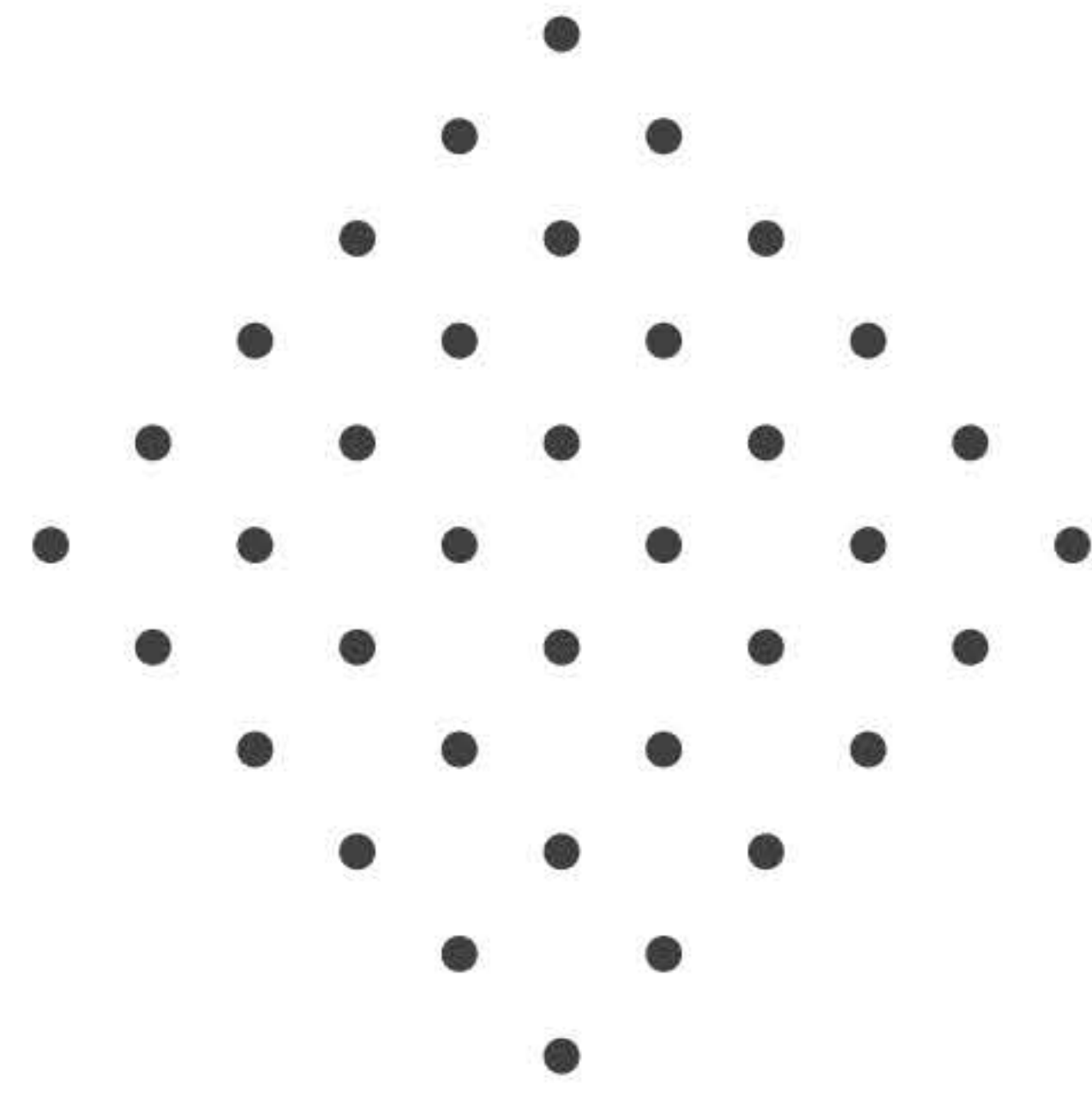


# PYTHON - I



| Project ID | Title   | Domain |
|------------|---|--------|
| EPROPYN051 | Stroke Risk Prediction With Hybrid Deep Transfer Learning Framework.  | Python |
| EPROPYN052 | A Deep Learning Approach for Flight Delay Prediction through Time-Evolving Graphs                                   | Python |
| EPROPYN053 | Real-Time Passenger Train Delay Prediction Using Machine Learning: A Case Study With Amtrak Passenger Train Routes. | Python |
| EPROPYN054 | The Role of Weather Predictions in Electricity Price  | Python |
| EPROPYN055 | Forecasting Beyond the Day-Ahead Horizon.   | Python |





**50K+**  
Projects  
Reached

**25+**  
Years of  
Experience

**24/7**  
Desk  
Support

25+ Years of Experience | Automated Services | 24/7 Desk Support  
Advanced Technologies and Tools | Legitimate Members of all Journals  
Quality Product Training | Industry Exposure



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