

**SOFTWARE PROJECTS – NLP, Machine Learning, AI, Block Chain, Big Data, Android,
Cloud Computing, Networking, Data Mining, Sentimental Analysis**

Project Code	Project Titles	Technology
PANSOW001	Deep Learning based Malicious Application detection using Android	NLP
PANSOW002	Predicting Depression Symptoms in an Arabic Psychological Forum	NLP
PANSOW003	Automatic Summarizing the News from Inform.kz by Using Natural Language Processing Tools	NLP
PANSOW004	Analysis of COVID-19 Rebound Based on Natural Language Processing	NLP
PANSOW005	Analysis of online shopping reviews based on natural language processing – Taking Amazon as an example	NLP
PANSOW006	People's Behaviour Analysis in Chat Message using Natural Language Processing	NLP
PANSOW007	Natural Language Processing Technique for Generation of SQL Queries Dynamically	NLP
PANSOW008	Applying natural language processing to analyze customer satisfaction	NLP
PANSOW009	Comparative Question Answering System based on Natural Language Processing and Machine Learning	NLP
PANSOW010	Twitter Spam Detection Using Natural Language Processing by Encoder Decoder Model	NLP
PANSOW011	Natural Language Processing Enabled Cognitive Disease Prediction Model for Varied Medical Records Implemented over ML Techniques	NLP
PANSOW012	A Systematic Review on Spam Filtering Techniques based on Natural Language Processing Framework	NLP
PANSOW013	Health Education Based on Natural Language Processing(NLP) for Infectious Disease Outbreak	NLP
PANSOW014	Building a chatbot for Health care with NLP	NLP
PANSOW015	An approach to detect offence in Memes using Natural Language Processing(NLP) and Deep learning	NLP
PANSOW016	A Searchable and Verifiable Data Protection Scheme for Scholarly Big Data	Machine Learning
PANSOW017	Comparing the performance of machine learning and deep learning algorithms classifying messages in Facebook learning group	Machine Learning

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PANSOW018	Detection of Distributed Denial of Service Attacks in SDN using Machine learning techniques	Machine Learning
PANSOW019	Prediction of the Electronic Work Function by Regression Algorithm in Machine Learning	Machine Learning
PANSOW020	A proposal of Machine Learning model to improve learning process and reduce dropout rate at technical training institutes	Machine Learning
PANSOW021	Review on evaluation techniques for better student learning outcomes using machine learning	Machine Learning
PANSOW022	Supervised and Unsupervised Machine Learning based Review on Diabetes Care	Machine Learning
PANSOW023	Exercise Recommendation Method Based on Machine Learning	Machine Learning
PANSOW024	Comparative Study of Machine Learning Algorithms for Fraud Detection in Blockchain	Machine Learning
PANSOW025	A machine learning approach for opinion mining online customer reviews	Machine Learning
PANSOW026	Prediction of Pneumonia Using Big Data, Deep Learning and Machine Learning Techniques	Machine Learning
PANSOW027	Feature Evaluation of Emerging E-Learning Systems Using Machine Learning	Machine Learning
PANSOW028	An Uncertainty-Aware Transfer Learning-Based Framework for COVID-19 Diagnosis	Machine Learning
PANSOW029	Prediction of Chronic Kidney Disease - A Machine Learning Perspective	Machine Learning
PANSOW030	Machine Learning for Clinical Outcome Prediction	Machine Learning
PANSOW031	An Empirical Analysis of Machine Learning Algorithms for Crime Prediction Using Stacked Generalization: An Ensemble Approach	Machine Learning
PANSOW032	A Comprehensive Review of Crop Yield Prediction Using Machine Learning Approaches With Special Emphasis on Palm Oil Yield Prediction	Machine Learning
PANSOW033	Data Poison Detection Schemes for Distributed Machine Learning	Machine Learning
PANSOW034	Netflix Stock Price Movements Insights from Data Mining	Machine Learning
PANSOW035	Estimation of power consumption for household electric appliances using Machine learning	Machine Learning

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PANSOW036	Agricultural Price Prediction and Visualization on Android App and Machine Learning AI	Artificial Intelligence
PANSOW037	Deep Learning in Next-Frame Prediction: A Benchmark Review	Artificial Intelligence
PANSOW038	Explaining Deep Learning-Based Traffic Classification Using a Genetic Algorithm	Artificial Intelligence
PANSOW039	Deep Learning and Explainable Artificial Intelligence Techniques Applied for Detecting Money Laundering–A Critical Review	Artificial Intelligence
PANSOW040	A Deep Learning-Based Intelligent Calories Management System for Eating Buffet Meals	Artificial Intelligence
PANSOW041	Improving the Performance of an Artificial Intelligence Recommendation Engine with Deep Learning Neural Nets	Artificial Intelligence
PANSOW042	Characterizing the Propagation of Situational Information in Social Media During COVID-19 Epidemic: A Case Study on Weibo	Deep learning
PANSOW043	A Superior Arabic Text Categorization Deep Model (SATCDM)	Deep learning
PANSOW044	IMDB Movie Reviews Sentiment Classification using Deep Learning	Deep learning
PANSOW045	BANNER: A Cost-Sensitive Contextualized Model for Bangla Named Entity Recognition	Deep learning
PANSOW046	A Hybrid Deep Learning Model For Online Fraud Detection	Deep learning
PANSOW047	Credit Card Fraud Detection Based on Deep Neural Network Approach	Artificial Intelligence
PANSOW048	Bitcoin price prediction in the time of COVID-19	Deep learning
PANSOW049	Urdu Sentiment Analysis With Deep Learning Methods	Deep learning
PANSOW050	Classification of Alcoholic EEG Signals Using a Deep Learning Method	Artificial Intelligence
PANSOW051	Block chain Technology in Agriculture Product Supply Chain	Block chain
PANSOW052	Efficient Maintenance of Hospital Records by Entrusted Proof of Algorithm In Block Chain Technology	Block chain
PANSOW053	An advanced approach for Smart Parking Solution Based on Ethereum Block chain System	Block chain

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PANSOW054	A new Approach in Forensic Block Chain and it's linkage with Artificial Intelligence	Block chain
PANSOW055	Online Digital Cheque Clearance and Verification System using Block Chain	Block chain
PANSOW056	Fake product identification using Block chain	Block chain
PANSOW057	A Block chain-Based Reward Mechanism for Mobile Crowd sensing	Block chain
PANSOW058	SDTE: A Secure Block chain-based Data Trading Ecosystem	Block chain
PANSOW059	Block chain-Based Voting System	Block chain
PANSOW060	Towards Optimizing Task Scheduling Process in Cloud Environment	Block chain
PANSOW061	Enhancing the Reliability of Cloud Data by Implementing AES Algorithm	Cloud Computing
PANSOW062	A Taxonomy and Survey of Edge Cloud Computing for Intelligent Transportation Systems and Connected Vehicles	Cloud Computing
PANSOW063	eBug Tracker – Bug Tracking System	Cloud Computing
PANSOW064	Combining Data Owner-side and Cloud-side Access Control for Encrypted Cloud Storage	Cloud Computing
PANSOW065	Online auction System based on cloud computing with Rescheduling Algorithm	Cloud Computing
PANSOW066	Cloud Based Smart Attendance System for Educational Institutions	Cloud Computing
PANSOW067	Secure and Efficient Online Fingerprint Authentication Scheme Based on Cloud Computing	Cloud Computing
PANSOW068	Data Access Control in Cloud Computing Flexible and Receiver Extendable	Cloud Computing
PANSOW069	A Privacy-Preserving and Untraceable Group Data Sharing Scheme in Cloud Computing	Cloud Computing
PANSOW070	Cloud - Based Smart Traffic management system	Cloud Computing
PANSOW071	Remote monitoring and Controlling Using IOT	Cloud Computing

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PANSOW072	Real time video streaming platform device for mobile networks	Cloud Computing
PANSOW073	A Two-Stage Auction Mechanism for Cloud Resource Allocation	Cloud Computing
PANSOW074	Improving Accessing Efficiency of Cloud Storage Using De-Duplication and Feedback Schemes	Cloud Computing
PANSOW075	SLA-based Scheduling of Spark Jobs in Hybrid Cloud Computing Environments	Cloud Computing
PANSOW076	Latency and Energy-Aware Load Balancing in Cloud Data Centers: A Bargaining Game Based Approach	Data Mining
PANSOW077	Effective Learning Behavior of Students' Internet Based on Data Mining	Data Mining
PANSOW078	Data Preprocessing and Apriori Algorithm Improvement in Medical Data Mining	Data Mining
PANSOW079	Exploratory Data Analysis and Data Mining on Yelp Restaurant Review	Data Mining
PANSOW080	A Quality Evaluation Scheme for Curriculum in Ideological and Political Education Based on Data Mining	Data Mining
PANSOW081	Empowerment of Digital Technology to Improve the Level of Agricultural Economic Development based on Data Mining	Data Mining
PANSOW082	Research on Data Mining of Physical Examination for Risk Factors of Chronic Diseases Based on Classification Decision Tree	Data Mining
PANSOW083	Knowledge Mapping of E-Commerce Platform Operation and Data Mining Based on The Method of Bibliometric	Data Mining
PANSOW084	An Intelligent Data Mining-Based Fault Detection and Classification Strategy for Microgrid	Data Mining
PANSOW085	Outage Cause Detection in Power Distribution Systems Based on Data Mining	Data Mining
PANSOW086	Detection and Prediction of Diabetes Using Data Mining: A Comprehensive Review	Data Mining
PANSOW087	Crime against women analysis using Data mining Techniques	Data Mining
PANSOW088	Process and Application of Data Mining in the University Library	Data Mining
PANSOW089	Crime Detection and Prevention Using Fuzzy Control Logic	Data Mining

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PANSOW090	Prediction of heart disease at early stage using data mining and big data analytics	Data Mining
PANSOW091	Early Stage of multi level disease prediction and analysis using Data mining	Big Data
PANSOW092	Research on Library Personalized Service Mode Based on Big Data Application	Big Data
PANSOW093	Research and Application of Big Data Analysis for Oil and Gas Production	Big Data
PANSOW094	Visualization research and analysis of academic articles on big data	Big Data
PANSOW095	Publication volume of major databases related to ideological and political education: using big data and Internet technologies	Big Data
PANSOW096	The Applications of Big Data Analysis in Student Management Education	Big Data
PANSOW097	The Usage of Big Data and Data Analytics in the Study of Climate Change	Big Data
PANSOW098	Research on the Construction of University Informatization Teaching Mode Based on Big Data	Big Data
PANSOW099	Analysis and Application: Sports Education Information Management under the Background of Big data	Big Data
PANSOW100	Big Data Analytics Tools: Twitter API and Spark	Big Data
PANSOW101	Comparative Study on Natural Language Processing for Tourism Suggestion System	NLP
PANSOW102	Achieve Privacy-Preserving Priority Classification on Patient Health Data in Remote eHealthcare System	Android
PANSOW103	DroidFusion: A Novel Multilevel Classifier Fusion Approach for Android Malware Detection	Android
PANSOW104	On Existence of Common Malicious System Call Codes in Android Malware Families	Android
PANSOW105	DBankDBank: Predictive Behavioral Analysis of Recent Android Banking Trojans	Android
PANSOW106	Automated Documentation of Android Apps	Android

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PANSOW107	An Advertising Overflow Attack Against Android Exposure Notification System Impacting COVID-19 Contact Tracing Applications	Android
PANSOW108	E-Payment Transactions Using Encrypted QR Codes	Android
PANSOW109	Implementation of Crime Recognition using Android Application	Android
PANSOW110	Android Application based Smart Bus Transportation System for Pandemic Situations	Android
PANSOW111	Smart Parking System (S-Park) – A Novel Application to Provide Real-Time Parking Solution with IOT	Android
PANSOW112	Detection of Android Malware using Machine Learning	Android
PANSOW113	A Medical App based Automated Disease Predicting Doctor	Android
PANSOW114	Mobile Application for Doctor Appointment Scheduling	Android
PANSOW115	An Interactive Web Platform and Android Application Based on Room Sharing Service for Students	Android
PANSOW116	Method of Reaching Consensus on Probability of Food Safety Based on the Integration of Finite Credible Data on Block Chain	Android
PANSOW117	Phono cardio graphic Sensing using Deep Learning for Abnormal Heartbeat Detection	ALP
PANSOW118	Audio object classification using distributed beliefs and attention	ALP
PANSOW119	Adaptive Multi-scale Detection of Acoustic Events	ALP
PANSOW120	Phono cardio graphic Sensing using Deep Learning for Abnormal Heartbeat Detection	ALP
PANSOW121	Audio object classification using distributed beliefs and attention	ALP
PANSOW122	Phono cardio graphic Sensing using Deep Learning for Abnormal Heartbeat Detection	ALP
PANSOW123	Audio object classification using distributed beliefs and attention	ALP

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PANSOW124	Security Analysis of a Single Sign-On Mechanism for Distributed Computer Networks	Network Security
PANSOW125	TrustedDB A Trusted Hardware based Database with Privacy and Data Confidentiality	Network Security
PANSOW126	Secret Key Generation in the Two-Way Relay Channel With Active Attackers	Network Security
PANSOW127	Revocable Identity-Based Broadcast Proxy Re-encryption for Data Sharing in Clouds	Network Security
PANSOW128	Dynamic Cloud Resource Allocation Considering Demand Uncertainty	Network Security
PANSOW129	Secured erasure code based algorithm for cloud data security in distributed storage system.	Network Security
PANSOW130	Sentiment Analysis of Comment Texts based on BiLSTM	Sentimental Analysis
PANSOW131	Forecasting Stock Market Movement Direction Using Sentiment Analysis and Support Vector Machine	Sentimental Analysis
PANSOW132	SentiDiff: Combining Textual Information and Sentiment Diffusion Patterns for Twitter Sentiment Analysis	Sentimental Analysis
PANSOW133	A Dynamic Pricing Mechanism Model Based on Sentiments Analysis	Sentimental Analysis
PANSOW134	Security Analysis of a Single Sign-On Mechanism for Distributed Computer Networks	Network Security
PANSOW135	A Hybrid Cloud Approach for Secure Authorized De-duplication	Cloud Computing
PANSOW136	A System to Filter Unwanted Messages from OSN User Walls abstract	Cloud Computing
PANSOW137	A Two-Stage Auction Mechanism for Cloud Resource Allocation	Cloud Computing
PANSOW138	An Efficient and Trustworthy Resource Sharing Platform for Collaborative Cloud Computing	Cloud Computing
PANSOW139	Artificial intelligence technique for information Security risk Assessment	Cloud Computing

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PANSOW140	Automating Cloud Services Life Cycle through Semantic Technologies	Cloud Computing
PANSOW141	Combining Data Owner-side and Cloud-side Access Control for Encrypted Cloud Storage	Cloud Computing
PANSOW142	Cost optimization for big data processing in geo distributed Data centers	Cloud Computing
PANSOW143	Designing an Architecture for Monitoring Patients at Home: Ontologies and Web Services for Clinical and Technical management Integration	Cloud Computing Analysis
PANSOW144	Efficient Authentication for Mobile and Pervasive Computing	Cloud Computing
PANSOW145	Fake Product Review Analysis	Cloud Computing

