4TH INTERNATIONAL CONFERENCE ON DATA ANALYTICS FOR BUSINESS AND INDUSTRY

25-26 OCTOBER 2023, KINGDOM OF BAHRAIN

ORGANIZED BY

UNIVERSITY OF BAHRAIN

IN COLLABORATION WITH

informs. BAHRAIN INTERNATIONAL GROUP
Promoting Business Analytics in Bahrain

TECHNICALLY SPONSORED BY

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BAHRAIN IEEE SECTION

TRACKS

- BIG DATA
- DATA MINING
- E-COMMERCE
- OPTIMIZATION
- DATA SCIENCE
- RISK ANALYSIS
- DATA ANALYTICS
- CLOUD COMPUTING
- SECURITY ANALYSIS
- DATA VISUALIZATION
- BUSINESS ANALYTICS
- FINANCIAL ANALYTICS
- INSURANCE STATISTICS
- PATTERN RECOGNITION
- PROJECT MANAGEMENT
- BUSINESS INTELLIGENCE
- WOMEN IN DATA SCIENCE
- STATISTICS IN IT INDUSTRIES
- SUPPLY CHAIN MANAGEMENT
- APPLICATIONS OF DATA SCIENCE
- ENERGY SYSTEMS AND EFFICIENCY
- QUALITY CONTROL AND RELIABILITY
- IMAGE ANALYSIS AND TOMOGRAPHY
- STATISTICAL AND FINANCIAL MODELING
- BIOINFORMATICS AND HEALTH POLICY DECISION MAKING
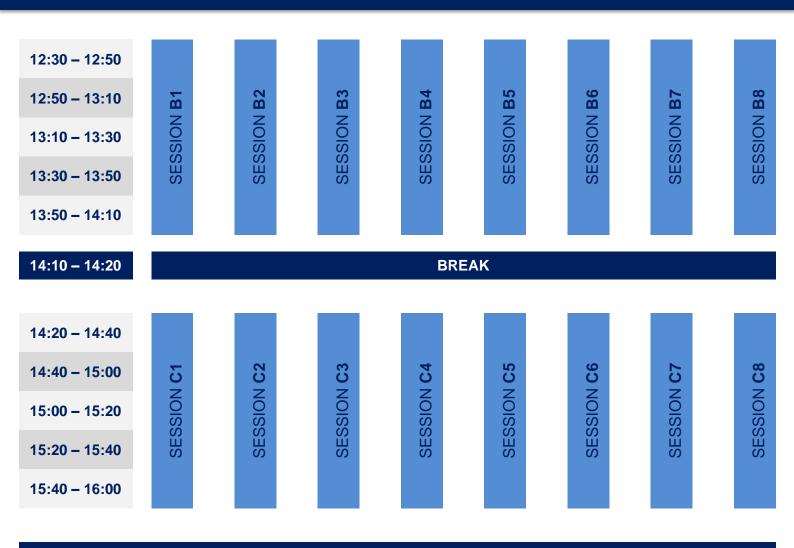- ARTIFICIAL INTELLIGENCE FOR BUSINESS AND INDUSTRY

4 QUALITY EDUCATION
8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
17 PARTNERSHIPS FOR THE GOALS

https://shorturl.at/yFJKX

DAY1: 25 OCTOBER 2023

08:00 – 09:00	**TECHNICAL SUPPORT**

09:00 – 09:05	**WELCOMING NOTES**
09:05 – 09:10	**OPENING CEREMONY:** DR. FUAD AL ANSARI, THE UOB PRESIDENT
09:10 – 09:15	**OPENING CEREMONY:** DR. ATHRAA ALMOSAWI, DEANSHIP OF GSSR
09:15 – 09:20	**OPENING CEREMONY:** PROF. MOHAMMED EL-HILO, STEERING COMMITTEE

09:20 – 09:30	**BREAK**

CONFERENCE MAIN HALL

09:30 – 10:00

KEYNOTE SPEAKER 1: DR. EVA-MARIE MULLER-STULER

The leader of Data & AI practice for EY MENA. She is responsible for the development and implementation of complex data science and AI projects and transformations. She was voted as one of the best data scientists in the World 2021.

10:00 – 10:30

KEYNOTE SPEAKER 2: DR. ABDULLA AL SHIMMARI

He has over ten years of progressive experience in leading research and development teams at MIT and Masdar Institute cooperative program and the Abu Dhabi Police Engineering Department delivering technology solutions.

10:30 – 10:40	**BREAK**

	SESSION A1	SESSION A2	SESSION A3	SESSION A4	SESSION A5	SESSION A6	SESSION A7	SESSION A8
10:40 – 11:00								
11:00 – 11:20								
11:20 – 11:40								
11:40 – 12:00								
12:00 – 12:20								

12:20 – 12:30	**BREAK**

DAY1: 25 OCTOBER 2023

Time								
12:30 – 12:50	SESSION B1	SESSION B2	SESSION B3	SESSION B4	SESSION B5	SESSION B6	SESSION B7	SESSION B8
12:50 – 13:10								
13:10 – 13:30								
13:30 – 13:50								
13:50 – 14:10								
14:10 – 14:20	BREAK							
14:20 – 14:40	SESSION C1	SESSION C2	SESSION C3	SESSION C4	SESSION C5	SESSION C6	SESSION C7	SESSION C8
14:40 – 15:00								
15:00 – 15:20								
15:20 – 15:40								
15:40 – 16:00								
	END OF DAY1							

DAY2: 26 OCTOBER 2023

08:00 – 09:00	TECHNICAL SUPPORT
09:00 – 12:00	WORKSHOP: X Sentiment Analysis using Python
12:00 – 12:30	BREAK
12:30 – 13:00	INFORMS Bahrain International Group
13:00 – 13:10	BREAK
14:20 – 15:00	CLOSING REMARKS

END OF DAY2

PARALLEL SESSIONS A1 – A8

A FEDERATED LEARNING MECHANISM FOR PRESERVING SECURITY OF SENSITIVE DATA

Shagun Sharma; Kalpna Guleria

HYDROPHOBICITY AND STIFFNESS ANALYSIS OF COMPRESSION MOLDED BIOCHAR MODIFIED NANOCOMPOSITES OF PPS

Zaib Un Nisa; Keanchuan Lee; Beh Hoe Guan; Faiz Ahmad; Saba Ayub

LAND COVER MAPPING USING LANDSAT 8 DATA AND SUPERVISED LEARNING CLASSIFIERS IN CASABLANCA REGION, MOROCCO

Hafsa Ouchra; Abdessamad Belangour; Allae Erraissi

CHRONIC KIDNEY DISEASE DETECTION: A COMPARATIVE STUDY

Reem Jamal; Zyad A Allam; Fatehan T Shajera; Sawsan Hilal

ANALYZING THE PERFORMANCE OF SUPERVISED AND UNSUPERVISED LEARNING FOR SATELLITE IMAGE CLASSIFICATION: A CASE STUDY OF CASABLANCA

Hafsa Ouchra; Abdessamad Belangour; Allae Erraissi

A BIBLIOMETRIC ANALYSIS OF MOBILITY AS A SERVICE (MAAS) TRENDS USING VOSVIEWER

Suchada Phonsitthagkun; Tosporn Arreeras; Ramill Phopluechai; Sirin Prommakhot

CLASSIFICATION OF TEMPERATURE BREAK EVENTS IN A REEFER CONTAINER USING DISTANCE-BASED FEATURES

Satyajit Swain

A CULTURE-AWARE DEEP ARCHITECTURE FOR EMOTIONAL STATE DETECTION FROM FACIAL EXPRESSIONS

Mir Aamir Hamid

IOT-BASED FLOOD MONITORING SYSTEM USING MACHINE LEARNING APPROACH

Ji Da Loong; Raed Abdulla; Sathish Selvaperumal; Muhammad Ehsan Rana

SOIL CLASSIFICATION AND CROP YIELD PREDICTION USING DEEP LEARNING

Faisal Ali Khan; Mohd Ziya Khan; Mohammed Wasid; Khalid Anwar

CONFERENCE PARALLEL SESSIONS
SESSION A3 🕐 10:40 – 12:20
DAY1: 25 OCTOBER 2023

DIGITAL TWIN FOR SUSTAINABLE DEVELOPMENT OF SMART CITY: A BIBLIOGRAPHIC ANALYSIS

Muhammad Anshari; Mahani Hamdan; Norainie Ahmad; Emil Ali; Yazid Surieshtino

HUMAN ACTIVITY RECOGNITION USING EYE MOVEMENTS: A REVIEW

Nandini Modi

AUTOENCODER BASED METHOD FOR DETECTION OF STEEL WIRE DEFECTS

Emre Güçlü; Ilhan Aydin; Erhan Akin; Burchan Ariturk

HOUSE PRICE PREDICTION USING MACHINE LEARNING TECHNIQUES: A COMPARATIVE STUDY

Elias Eze; Sujith Sujith; Saeed Sharif

BAGGING MACHINE LEARNING CLASSIFIER MODEL TO PREDICT DIABETES MELLITUS DISEASE

Saeed Sharif; Chetnaben Bhanderi; Rasha Hafidh

PYTHON: AN AUTOMATION TOOL FOR UNLOCKING INNOVATION AND EFFICIENCY IN THE AEC SECTOR

Abdul Mateen Khan; Wesam Salah Alaloul; Muhammad Ali Musarat; Muhammad Hassaan Farooq Khan

A SYSTEMATIC REVIEW ON WORKFORCE PRODUCTIVITY THROUGH ROBOTICS IN THE CONSTRUCTION INDUSTRY

Nur Aqilah Qistina Ahmad Rostam; Wesam Salah Alaloul; Muhammad Ali Musarat

SUSTAINABLE & INTELLIGENT TRANSPORTATION SYSTEM: THE CASE STUDY OF UN-SIGNALIZED PEDESTRIAN CROSSING AT STATIONARY BOTTLENECK AND ITS IMPACT ON TRAFFIC FLOW

Imran Badshah; Syed Saad; Imad Gohar; Kumeel Rasheed; Muhammad Waqas Khan; Zawar Ali

DIGITAL TWINS FOR HEALTHCARE AND TELECOMMUNICATIONS APPLICATIONS: A SURVEY

Sarah Marwan Ibrahim; Nazih Salhab

BLOCKCHAIN TECHNOLOGY IN CONSTRUCTION INDUSTRY: CURRENT STATE AND FUTURE TRENDS THROUGH BIBLIOMETRIC ANALYSIS

Mahmood A. Bazel; Abdullah O. Baarimah; Fathey Mohammed; Wesam Salah Alaloul; Aawag Mohsen Alawag; Khalid Mhmoud Alzubi

AGRICULTURAL REVITALIZATION THROUGH FEDERATED LEARNING CNN IN DATA ANALYTICS: A CASE STUDY ON DRUMSTICK LEAF DISEASE

Shiva Mehta; Vinay Kukreja

METAVERSE: A BIBLIOMETRIC ANALYSIS OF EMERGING TRENDS AND RESEARCH PATTERNS

Mahmood A. Bazel; Abdullah O. Baarimah; Fathey Mohammed; Muaadh Mukred; Salem Baarimah; Wesam Salah Alaloul

LEVERAGING AI TECHNIQUES FOR ENHANCED SOFTWARE DEFECT PREDICTION

Mohd Mustaqeem; Suhel Mustajab

COMPARATIVE ANALYSIS OF MACHINE LEARNING TECHNIQUES FOR CEMENT COMPRESSIVE STRENGTH PREDICTION

Fuad Ahmad Musleh; Ranyah Ghaleb Taha; Abdel Rahman Fuad Musleh

A BIBLIOMETRIC ANALYSIS ON THE APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN PETROLEUM ENGINEERING

Salem Baarimah; Abdullah O. Baarimah; Wesam Salah Alaloul; Mahmood A. Bazel; Fathey Mohammed; Mohammed Bawahab

FUSING DEEP LEARNING AND ENSEMBLE TECHNIQUES FOR COMIC CHARACTER EMOTION RECOGNITION

Rishabh Sharma; Vinay Kukreja

A HOLISTIC STUDY OF DRUMSTICK LEAF MALADIES: LEVERAGING FEDERATED LEARNING CNN FOR IMPROVED DIAGNOSTICS

Shiva Mehta; Vinay Kukreja

PREVALIDATED BLOCK FOR IMPROVING BLOCK PROPAGATION IN BLOCKCHAIN

Shivani Wadhwa; Bhavna Sareen; Divya Gupta; Aditi Moudgil

BART FINE TUNING BASED ABSTRACTIVE SUMMARIZATION OF PATIENTS MEDICAL QUESTIONS TEXTS

Turan Goktug Altundogan; Mehmet Karakose; Onur Tokel

A GAN-BASED APPROACH TO GENERATE IMAGES FROM TEXT DESCRIPTION

Esra Balik; Mehmet Kaya

A REVIEW ON MACHINE LEARNING FOR SUSTAINABLE CONSTRUCTION EQUIPMENT

Asmat Ullah Khan; Muhammad Afzal

A CARDINALITY-CONSTRAINED PORTFOLIO SELECTION MODEL USING GOLDEN EAGLE OPTIMIZER IN STOCK MARKETS

Gayas Ahmad; Faraz Hasan; Mohammad Shahid; Mohammad Imran; Mahfooz Alam

IDENTIFICATION OF RISK CONTROL SYSTEMS USING ANCHOR-WORDS BASED CORRELATION EXPLANATION (COREX) MODEL

Satyajeet Sahoo; Pranav Mukane; Raj Gupta; Jhareswar Maiti; Virendra Kumar Tewari

A NEW APPROACH TO IN ENSEMBLE METHOD FOR DEEPFAKE DETECTION

Serhat Ataş, Jr.; Mehmet Karakose

FROM DATA TO INSIGHTS: LEVERAGING AI IN MODERN PERFORMANCE MANAGEMENT

Himani Choudhary; Deepika Pandita

SEGMENTATION OF RAILWAY RAILS USING SAM

Mehmet Sevi; Ilhan Aydin; Taha Kubilay Şener

ENHANCING ROAD SAFETY: ADVANCED DRIVER DROWSINESS DETECTION USING MACHINE LEARNING AND COST-EFFECTIVE BEHAVIORAL-BASED TECHNIQUES

Yasser Ismail; Fatema Albalooshi; Ebenezer Essel; Fred Lacy

PREDICTING ELECTRICITY CONSUMPTION USING LOAD PROFILING CLUSTERING METHOD

Esra Jasim Aljowder; Sawsan Hilal; Riyadh Ksantini

THE IMPACT OF RELATIONSHIP MARKETING ON CUSTOMER LOYALTY IN THE BANKING SECTOR

Laith Tashtoush

EVALUATING SRI LANKAN REGIONAL ELECTRICITY DEMAND DURING COVID-19 RESTRICTIONS USING VIIRS NIGHTTIME LIGHT INTENSITY: AN IMAGE-BASED STATISTICAL ANALYSIS

Hashan M Senaratne; Jayani M Gawarammana; Rochana Chathuranga; Hadangie P. Midellawala; Sandun M Dassanayake; Tiloka de Silva

PARALLEL SESSIONS B1 – B8

SMART HEALTH MONITORING FRAMEWORK FOR THE PREVENTION OF INFECTIOUS DISEASES

Kalpna Guleria; Ishita Seth; Shagun Sharma

KNOWLEDGE AND ATTITUDE OF HEALTHCARE PROVIDERS IN THE UNITED ARAB EMIRATES ABOUT STEM CELLS BIOTECHNOLOGY

Mahmood Hilal; Sawsan Hilal;
Ali Alhumaiqani; Basem Elgharbawy; Hamza Sajan; Mohamed Ashraf; Shatha Alsharbatti

HETROGENOUS DISEASE PREDICTION BY USING COMPUTATIONAL LEARNING (ML): A REVIEW

Suhail Rashid Wani, sr; Roshni Afshan Sr; Shree Harsh Attri

UNVEILING DIABETES PREDICTIONS: BRIDGING COMPLEXITY AND CLARITY THROUGH INTERPRETABLE AI AND SHAP INSIGHTS

Mohammad Atif; Rizwan Alam

EMERGENCY MEDICAL SERVICES IN HEALTH POLICY DECISION MAKING: A REVIEW

Shashidhar Kundagol

CLASSIFICATION OF MULTI-LABEL ELECTROCARDIOGRAMS UTILIZING THE EFFICIENTNET CNN MODEL

Nida Akkuzu; Murat Ucan; Mehmet Kaya

DEEP LEARNING-BASED HEARTBEAT CLASSIFICATION OF 12-LEAD ECG TIME SERIES SIGNAL

Mohd Sakib; Tammana Siddiqui; Suhel Mustajab

CLASSIFICATION OF BRAIN ISCHEMIA AND HEMORRHAGIC STROKE USING A HYBRID METHOD

Necip Cinar; Buket Kaya; Mehmet Kaya

DEEP LEARNING BASED APPROACH WITH EFFICIENTNET AND SE BLOCK ATTENTION MECHANISM FOR MULTICLASS ALZHEIMER'S DISEASE DETECTION

Sevilay Ucan; Murat Ucan; Mehmet Kaya

PARKINSON'S DISEASE DETECTION USING DATA MINING MODELS: A COMPARATIVE STUDY

Rashid Mohammed Al-Heddi; Reem Jamal; Ahmed M. Zeki

A PREDICTIVE APPROACH TO MOBILE-ONLY BANKING ADOPTION IN BAHRAIN: EVIDENCE FROM DECISION TREE

Ghada AlMiari; Zahra Almeshaima; Eman Hanafy; Anwaar Muftah; Ahmed M. Zeki

CIRCULAR ECONOMY AND INDUSTRY 4.0: A REVIEW OF THEIR ROLE IN ADVANCING SUSTAINABLE DEVELOPMENT GOALS

Madhavi Kreeti; Gaurav Kumar

SAFEGUARDING BUSINESS INTELLIGENCE IN INDUSTRIAL IOT USING BLOCKCHAIN-ENHANCED SECURITY

Nimisha Pandita; Satya Nand; Pankaj Pathak; Vimal Kamleshkumar Bhatt

SECURING BUSINESS INTELLIGENCE DURING MERGERS AND ACQUISITION: CRITICAL CYBERSECURITY IMPERATIVES

Poulami Nandi; Anam Fatma; Pankaj Pathak; Vimal Kamleshkumar Bhatt

TALK TO YOUR DATA: ENHANCING BUSINESS INTELLIGENCE AND INVENTORY MANAGEMENT WITH LLM-DRIVEN SEMANTIC PARSING AND TEXT-TO-SQL FOR DATABASE QUERYING

Jerry Zhu; Srimonti Dutta; Saad Ahmed Bazaz; Anuraag Bhavaraju; Imran Haider; Srijita Bandopadhyay

EVALUATING CLOUD COMPUTING IN CONSTRUCTION PROJECTS TO AVOID PROJECT DELAY: A REVIEW

Chouteau Paul; Wesam Salah Alaloul; Muhammad Ali Musarat; Maria Ghufran

A SECURITY DRIVEN ENERGY EFFICIENT WORKFLOW ALLOCATION ALGORITHM UNDER DEADLINE CONSTRAINTS FOR CLOUD COMPUTING

Mahfooz Alam; Mohammad Shahid; Suhel Mustajab

BETTER USAGE CONTAINER SELECTION ALGORITHM FOR ENERGY CONSUMPTION MINIMIZATION IN CLOUD DATA CENTERS

Abdulrazaq Abdulrahim; Mohammed Abdullahi

OVERCOMING THE CHALLENGES OF IMPLEMENTING CLOUD COMPUTING IN HIGHER EDUCATION

Benedict Ladi Anak Bangkong; Muhammad Ehsan Rana; Vazeerudeen Abdul Hameed

A SURVEY ON CLOUD RADIO ACCESS NETWORK ALGORITHMS FOR ENERGY-EFFICIENT NETWORKS

Yara Said Abdallah; Nazih Salhab

DATA CENTER LAB USING VXLAN DATA PLANE AND BGP-EVPN CONTROL PLANE

Mohamed Elmadani; Salem Omar Sati

REVIEW PREVIOUS STUDIES OF MACHINE LEARNING TECHNIQUES TO ANALYZE ROAD TRAFFIC ACCIDENTS IN DIFFERENT COUNTRIES

Salman Bader Alhaddad, NA; Ahmed M. Zeki

DATA-DRIVEN TRAIN DELAY PREDICTION: A SCIENTOMETRIC AND BIBLIOMETRIC REVIEW

Gaurav Kumar

RECOMMENDATIONS FOR A VERTICAL FARMING SYSTEM USING HYDROPONICS, MACHINE LEARNING AND IOT

Basmala Mosaad; Raed Abdulla; Muhammad Ehsan Rana

EXPLAINABLE AI-DRIVEN MACHINE LEARNING APPROACH FOR PREDICTION OF ACOUSTIC-BASED FIRE EXTINCTION

Baneswar Sarker; Suraj Gupta; Gajendra Singh; Piyush Kumar; J Maiti

IOT GATEWAY BULK DRIVEN QUASI FLOATING PLL LOGIC IN 5G WIRELESS COMMUNICATION

Priyanka E Bhaskaran; T Kalavathidevi; S Thangavel; Thaha Abdul Hameed A; Surendran S; Suryaraju A

EXPLORING THE ROLE OF MATHEMATICAL MODELLING IN AUTOMATIC SCENE GENERATION AMIDST RAPID TECHNOLOGICAL ADVANCES

Gaganpreet Kaur; Amandeep Kaur; Meenu Khurana

SORT-O-MATIC: AN EFFICIENT WASTE SEGREGATION SYSTEM FOR SUSTAINABLE WASTE MANAGEMENT

Rubina Dutta; Jeetasha Jeetasha; Harsimran J Kaur; Deepti Prit Kaur; Priyanka Malhotra

DINE PASS: IMPROVING HOSTEL DINING EXPERIENCE USING SENSE-THINK-ACT PARADIGM

Priyanka Malhotra; Vansh actionGaba; Vipin Kumar; Deepti Prit Kaur; Harsimran J Kaur; Rubina Dutta

RESTAURANT AUTOMATION: A FRAMEWORK USING DATA ACQUISITION AND VISUALIZATION FOR IMPROVED CUSTOMER EXPERIENCES

Deepti Prit Kaur; Tanay Tanay; Priyanka Malhotra; Harsimran J Kaur; Rubina Dutta

INVESTIGATING IMPACT OF GOLD AND BITCOIN PRICES ON STOCK MARKET

Hawra Khamis; Shrikant Krupasindhu Panigrahi

COMPARISON OF THE APPLICABILITY OF DIFFERENT PORTFOLIO OPTIMIZATION MODELS ACROSS THREE EMERGING MARKETS UNDER DIFFERENT MARKET CONDITIONS

Nethmini Fernando; Ama Perera; Hasali Perera; Sumaiya Nazar; Sulanie D Perera

THE SYNERGY OF BLOCKCHAIN AND ARTIFICIAL INTELLIGENCE IN FINTECH: REVOLUTIONIZING THE FINANCIAL LANDSCAPE

Raghib Noman; Mohammad Shahid; Mahfooz Alam

UNVEILING PUBLIC PERCEPTION OF CHATGPT THROUGH TWITTER DATA AND MACHINE LEARNING

Vadivel Abishethvarman; Kuhaneswaran Banujan; Ashansa Wijeratne; Nirubikaa Ravikumar; Banage T. G. S Kumara; Senthan Prasanth

IS THERE A NEW DIMENSION OF ISLAMIC FINANCE LITERATURE DURING COVID-19? VISUALIZING THE WAY FORWARD

Mustafa Raza Rabbani; Abu Bashar; Mohammad Noor Alam; Farah Ahmad; Ankit Kumar Singh Patel

CHOICE OVERLOAD IN E-COMMERCE: A SYSTEMATIC REVIEW

Dwi Kartikasari; Mohammad Nabil Almunawar; Muhammad Anshari; Wardah Hakimah Sumardi

APPLYING SOLUTIONS TO INCREASE THE MONTHLY REVENUE: A PARTICIPATORY ACTION RESEARCH IN A F&B SME IN MALAYSIA

Poh-Chuin Teo; Theresa C.F. Ho; Amjad Mohamed Elmagzoub Ahmed Gafar; Tong Su; Yee Jiunn Dong

THE INFLUENCE OF SOCIAL MEDIA MARKETING ELEMENTS ON CONSUMER BRAND ENGAGEMENT AND ITS IMPACT ON BRAND AWARENESS AND BRAND IMAGE

Andhika Tri Juliawan; Novita Permata Hati; Yuniarty Yuniarty; Aryo Bismo

IMPACT OF FINANCIAL INCLUSION ON NET VALUE ADDED BY ECONOMIC ACTIVITY

Saumya Singh; Aman Pushp; Bhakti Agarwal; Shailesh Rastogi

THE EFFECT OF GREEN BANKING, GREEN IMAGE AND BANK TRUST ON BANK LOYALTY

Suci Intani; Jessica Natashya; Yuniarty Yuniarty; Hardiyansyah Hardiyansyah; Johannes Widjaja Wahono; Helen Helen

PARALLEL SESSIONS C1 – C8

USING COOPERATIVE MULTI-AGENT REINFORCEMENT LEARNING FOR MAMMOGRAM ROI CLASSIFICATION

Md Sazid Uddin; M. Firoz Mridha; Md. Abdullah - Al - Jubair

CAR LOGO RECOGNITION USING YOLOV8 AND MICROSOFT AZURE CUSTOM VISION

Muhammad 'Arif Bin Mohd Anuwa; Nor Azuana Ramli; Mohd Zaid Waqiyuddin Mohd Zulkifli

RANDOM WALKER BASED AUTOMATED PHASE DISCRIMINATION AND MORPHOLOGICAL INSIGHTS IN ULTRA-HIGH CARBON STEEL

Varnit Jain; Vidyapati Kumar; Ankita Mistri; Mohit Jain; Amitava Choudhury; Manojit Ghosh

CT IMAGE-BASED LUNG CANCER DETECTION USING A CNN-BASED MODEL

Afrina Jannat Prity; Muhammad Firoz Mridha

TOMATO DISEASE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORKS

Mohammad Imtiaz Nakib; Mir Maruf Ahmed; Most Afroja Mahomuda; Saptanil Ghose; Muhammad Firoz Mridha

CONSTRUCTION AND ANALYSIS OF SPLIT-SPLIT-PLOT DESIGN USING SUDOKU SQUARE DESIGNS STRUCTURE

Yahaya Zakari

COMPARATIVE INVESTIGATION OF BIOCHAR-REINFORCED NANOCOMPOSITES OF POLYPHENYLENE SULFIDE AND POLYAMIDE

Zaib Un Nisa; Keanchuan Lee; Beh Hoe Guan; Faiz Ahmad

COMPARATIVE STIFFNESS INVESTIGATION OF BIOCHAR-REINFORCED NANOCOMPOSITES OF PA6 AND PPEES

Zaib Un Nisa; Keanchuan Lee

PARALLEL IMPLEMENTATION OF RANDOM FOREST USING MPI

Reem Jamal; Fatehan T Shajera; Zyad A Allam; Abdulla Alqaddoumi

'WATCH AND BUY' AND ITS IMPACT ON ONLINE RETAILERS AND MANUFACTURER: A STACKELBERG AND NASH GAME ANALYSIS

Sarin Raju; Rofin T M; Saraf Kumar; Sardar Islam

DETECTING THE PAST: ADVANCEMENTS IN COMIC PANEL DETECTION FOR CULTURAL HERITAGE PRESERVATION

Rishabh Sharma; Vinay Kukreja

USER FEEDBACK-BASED APPROACH FOR IDENTIFYING THE INFLUENTIAL FEATURES OF THE "MAN OF THE MATCH" AWARD

Anam Reyaz; Namria Ishaaq; Shahab Saquib Sohail; Gulfam Ahamad

PRIVACY PRESERVING MACHINE LEARNING MODEL PERSONALIZATION THROUGH FEDERATED PERSONALIZED LEARNING

Md. Tanzib Hosain; Asif Zaman; Md. Shahriar Sajid; Shadman Sakeeb Khan; Shanjida Akter

AUTOMATED REALTIME ATTENDANCE SYSTEM BASED ON FACE AND FINGERPRINT BY MACHINE LEARNING AND DEEP LEARNING

Mohamed Hashem Almourish, Sr; Ahmed Y A Saeed; Borhan M N Radman; Hadeel Al Amery

UNMASKING COMIC NARRATIVES: CNN-RF APPROACH TO GENRE CLASSIFICATION

Rishu Taneja

TRAFFIC SIGNAL VIOLATION DETECTION THROUGH COMPUTER VISION

Mohamed Yasir Mohamed Uvais; Vazeerudeen Abdul Hameed; Muhammad Ehsan Rana

INVESTIGATING SUSTAINABLE BEHAVIOUR OF PLASTIC MODIFIED AGGREGATES WITH CEMENTITIOUS MATERIALS

Zawar Ali; Syed Saad; Syed Ammad; Muhammad Waqas Khan; Imran Badshah; Muhammad Bashir

GENDER BIAS IN DATA SCIENCE: A STUDY OF BARRIERS FACED BY WOMEN IN DATA SCIENCE

Maria Ghufran

ANALYZING TECH-DRIVEN SOLUTIONS FOR OVERCOMING CHALLENGES IN THE INDIAN E-COMMERCE LANDSCAPE

Anusuya Yadav; Deepika Pandita

DEVELOPMENT OF MICROWAVE METHOD FOR HIGH-PRECISION MEASUREMENT OF WATER PERCENTAGE IN WATER-OIL MIXTURE

Elena I. Shirokova; Igor Borisovich Shirokov

A SYSTEMATIC REVIEW OF VALUE ENGINEERING AND OFFSITE PRODUCTION IN BUILDING PROJECTS

Abdul Mateen Khan; Wesam Salah Alaloul; Muhammad Ali Musarat

THE CARBON FOOTPRINT OF NET ZERO BUILDINGS: A CRITICAL REVIEW

Abdul Mateen Khan; Wesam Salah Alaloul; Muhammad Ali Musarat

DIGITAL TWINS: FACILITATING DIGITAL TRANSFORMATION FROM AND BEYOND BIM IN CONSTRUCTION

Muhammad Afzal; Asmat Ullah Khan; Muhammad Bilal; Muhammad Faisal Ayyub; Muhammad Shoaib

EXPLORING ADOPTION TRENDS OF KNOWLEDGE MANAGEMENT SYSTEMS IN THE SOFTWARE INDUSTRY'S SMES: A COMPREHENSIVE INVESTIGATION OF ENABLERS AND BARRIERS

Muhammad Bilal; Muhammad Iftikhar Ali; Kumeel Rasheed; Syed Saad

INCREASING PRODUCTION EFFECTIVENESS: UNVEILING THE ROLE OF BUFFER INVENTORY IN PARALLEL MACHINE SCHEDULING WITH MACHINE BREAKDOWNS

Avishek Pandey; Sri Kumar

SUSTAINABLE ROLE OF MARBLE DUST POWDER (MDP) IN CEMENTITIOUS PERFORMANCE ENHANCEMENT

Muhammad Waqas Khan; Syed Saad; Syed Ammad; Imran Badshah; Bilal Ahmad; Vipin Kumar Oad

AN OPTIMIZED MACHINE LEARNING TECHNIQUE FOR FAULT DIAGNOSIS OF ROLLER BEARING IN A MOTOR DRIVE SYSTEM

Suraj Gupta; J Maiti; Akhilesh Kumar

AN ANALYSIS OF COMPUTATIONAL PERFORMANCE OF DIFFERENT QUANTUM CIRCUITS ON DIFFERENT IBMQ BACKENDS: CASE STUDY

Hasan Yetis; Mehmet Karakose

HUMAN FACTORS IN QUALITY CONTROL: UNDERSTANDING THE IMPACT OF PSYCHOLOGICAL, ERGONOMIC, AND COGNITIVE FACTORS

Maria Ghufran

SOCIAL MEDIA BY THE GOVERNMENT IN MANAGING OPEN INNOVATION: CHALLENGES AND OPPORTUNITIES

Abdul Malik Omar; Muhammad Anshari; Pg Siti Rozaidah Pg Hj Idris

ANALYSING THE DETERMINANTS OF CONVENTIONAL AND ISLAMIC BANKS' PROFITABILITY IN BAHRAIN

Hawraa Adel Hassan; Sasikanta Tripathy

INVERSE POWER LOG-TOPPLEONE DISTRIBUTION AND ITS COMPETITORS FOR ESTIMATING THE EXCHANGE RATE DATASETS

Abubakar Usman; Aliyu Ismail Ishaq; Tasiu Musa; Ahmad Suleiman

MODELLING NIGERIAN INFLATION RATES FROM JANUARY 2003 TO JUNE 2023 USING NEWLY DEVELOPED INVERSE POWER CHI-SQUARE DISTRIBUTION

Aliyu Ismail Ishaq

USER CENTERED AGILE SOFTWARE DEVELOPMENT: EMERGING THEMES AND FUTURE TRENDS

Suhailah Ramjaun; Khairul hafezad Abdullah; Muhammad Ehsan Rana

TELECOMMUNICATIONS FRAUD MACHINE LEARNING-BASED DETECTION

Batoul Abo Yehya; Nazih Salhab

COMPARATIVE ANALYSIS OF THE USE OF ECONOMIC ORDER QUANTITY (EOQ) AND JUST IN TIME (JIT) METHODS IN INVENTORY CONTROL AT CLOTHES CONVECTION DHILLA COLLECTION BATAM

Miftahul Jannah; Shinta Wahyu Hati

FEDERATED LEARNING FOR TEMPERATURE BREAK IDENTIFICATION IN A REEFER CONTAINER FROM IOT DATA

Satyajit Swain

LITERATURE REVIEW OF DATA-DRIVEN PRODUCTION PLANNING AND SUPPLY CHAIN MANAGEMENT

Guadalupe Pascal; Julián E. Tornillo; Daniel Rossit; Andres Redchuk

A HYBRID DEEP LEARNING MODEL FOR INTRUSION DETECTION SYSTEM IN THE INTERNET OF THINGS ENVIRONMENT

Vandana Choudhary; Sarvesh Tanwar; Tanupriya Choudhury

SIMULATION OF DDOS ATTACK IN SOFTWARE DEFINED NETWORKING

Neelam Gupta; Sarvesh Tanwar; Sumit Badotra