NEGIN DANESHPOUR

ASSOCIATE PROFESSOR,FACULTY OF COMPUTER ENGINEERING, SHAHID RAJAEE TEACHER TRAINING UNIVERSITY, TEHRAN, IRAN

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INTERESTS

- Data Preprocessing
- Data mining
  - Clustering
  - Classification
  - Outlier Detection
- Natural language processing
- Artificial Neural Networks
- High Utility Itemset Mining
- Database

LANGUAGES

- English (Fluent)
- Persian (Fluent)

WORK EXPERIENCE

Associate Professor

Faculty of Computer Engineering, Shahid Rajaee Teacher Training University, Nov. 2020- ongoing.

Assistant Professor

Faculty of Computer Engineering, Shahid Rajaee Teacher Training University, Sep. 2010- Nov. 2020.

Faculty Member

Faculty member of Faculty of Electrical and Computer Engineering, Shahid Rajaee Teacher Training University, Sep. 2006- Sep. 2010.

Dean of the Faculty of Computer Engineering, Shahid Rajaee Teacher Training University, Sep. 2022 until now.

Head of Department of Artificial Intelligence, Shahid Rajaee Teacher Training University, Feb. 2019 until May 2021.

Head of Department of Software Engineering, Shahid Rajaee Teacher Training University, Dec. 2015 until Nov. 2018.

Head of Department of Computer Engineering, Shahid Rajaee Teacher Training University, Aug. 2010 until Jul. 2013.

TEACHING EXPERIENCE

- Postgraduate Courses:
  - Professional Databse
  - Data Mining
  - Applied Machine Leaning
  - Decision Support Sysytems
  - Business Intelligence
- Undergraduate Courses:
  - Database
  - Data Structure
  - Software Engineering
  - Operating Systems
  - Programming

EDUCATION

2004-2010

Ph.D. in Computer Engineering, Department of IT & Computer Engineering, Amirkabir University of Technology, Tehran, Iran.
Ph.D. Thesis: Active View Prediction, to Store Aggregated Data in order to Efficient OLAP System
Supervisor: Prof. Ahmad Abdollahzadeh Barforoush

1999-2002

M.Sc. in Software Engineering, Department of IT & Computer Engineering, Amirkabir University of Technology, Tehran, Iran.
Master Thesis: A new approach in updating the Data Warehouses
Supervisor: Prof. Ahmad Abdollahzadeh Barforoush

1994-1999

B.S.c in Hardware Engineering, Department of Electrical and Computer Engineering ,Shahid Beheshti University,Tehran,Iran Thesis: Design and implementation of all electronic mouse. Supervisor: Dr. Ghavameddin Razavizadeh

1990-1994

Diploma in Mathematics and Physics, The Kowsar High School, Tehran, Iran.

PUBLICATIONS

- **BOOKS**:

  Data Cleaning Fixing Inconsistencies, Duplicate Detection and Missing Value Imputation, 2022, Shahid Rajaee Teacher Training University Publications, ISBN: 978-622-6589-20-8.

- **English Papers:**

  - Abil, Farzaneh, Negin Daneshpour, and Zeinab Torabi. “A hybrid approach based on neural network algorithm for task scheduling.”Cluster Computing 28.16 (2025): 1026

  - Sultani, Mujtaba, and Negin Daneshpour. "Mining Student Opinions from MOOC Discussions Using a Multi-Output BERT-Based Deep Learning Approach." Journal of Electrical and Computer Engineering Innovations (JECEI) (2025).

  - Taskooh, Maryam Kazemi, Negin Daneshpour, and Mohsen Mahmoudi. "Classification of Imbalanced Data Streams Using Ensemble Learning and Graph Neural Networks." 2025 29th International Computer Conference, Computer Society of Iran (CSICC). IEEE, 2025.

  - Heidari, J., N. Daneshpour, and A. Zangeneh. "A novel K-means and K-medoids algorithms for clustering non-spherical-shape clusters non-sensitive to outliers." Pattern Recognition (2024): 110639.

  - Mofid, Amir Hossein, et al. "TKU-BChOA: an accurate meta-heuristic method to mine Top-k high utility itemsets." The Journal of Supercomputing (2024): 1-22.

  - Sultani, Mujtaba, and Negin Daneshpour. "Extracting Urgent Questions from MOOC Discussions: A BERT-Based Multi-output Classification Approach." Arabian Journal for Science and Engineering (2024): 1-22.

  - Mofid, Amir Hossein, Negin Daneshpour, and Zeinab Torabi. "MMC: efficient and effective closed high-utility itemset mining." The Journal of Supercomputing (2024): 1-19.

  - Talebi, Kowsar, Zeinab Torabi, and Negin Daneshpour. "Ensemble models based on CNN and LSTM for dropout prediction in MOOC." Expert Systems with Applications 235 (2024): 121187.

  - Rezaei, Hamid, and Negin Daneshpour. "Mixed data clustering based on a number of similar features." Pattern Recognition 143 (2023): 109815.

- Zehtabchi, S., Negin Daneshpour, and Masoumeh Safkhani. "A new method for privacy preserving association rule mining using homomorphic encryption with a secure communication protocol." Wireless Networks 29.3 (2023): 1197-1212.

- Dogmechi, Sina, Zeinab Torabi, and Negin Daneshpour. "An outlier detection method based on the hidden Markov model and copula for wireless sensor networks." Wireless Networks (2022): 1-14.

- Zamani, Mohammad, et al. "A new searchable encryption scheme with integrity preservation property." Wireless Personal Communications 116 (2021): 3119-3142.

- Latifi-Pakdehi, Alireza, and Negin Daneshpour. "DBHC: A DBSCAN-based hierarchical clustering algorithm." Data & Knowledge Engineering 135 (2021): 101922.

- Ataeyan, Mahdieh, and Negin Daneshpour. "Automated Noise Detection in a Database Based on a Combined Method." Statistics, Optimization & Information Computing 9.3 (2021): 665-680.

- Sefidian, Amir Masoud, and Negin Daneshpour. "Estimating missing data using novel correlation maximization based methods." Applied Soft Computing 91 (2020): 106249.

- Ataeyan, Mahdieh, and Negin Daneshpour. "A novel data repairing approach based on constraints and ensemble learning." Expert Systems with Applications 159 (2020): 113511.

- Sefidian, Amir Masoud, and Negin Daneshpour. "Missing value imputation using a novel grey based fuzzy c-means, mutual information based feature selection, and regression model." Expert Systems with Applications 115 (2019): 68-94.

- Gol, Reyhaneh Sabbagh, and Negin Daneshpour. "Improved View Selection Algorithm Using SOM and 0/1 Knapsack." Statistics, Optimization & Information Computing 7.2 (2019): 501-519.

- Azhir, E., N. Daneshpour, and Sh Ghanbari. "Fuzzy multi-criteria selection procedures in choosing data source." Journal of AI and Data Mining 4.2 (2016): 143-156.

- Daneshpour, Negin, and Ahmad Abdollahzadeh Barfourosh. "Dynamic View Management System for Query Prediction to View Materialization." International Journal of Data Warehousing and Mining (IJDWM) 7.2 (2011): 67-96.

- Daneshpour, N., and A. Abdollahzadeh Barfourosh. "A Solution to View Management to Build a Data Warehouse." AUT Journal of Electrical Engineering 41.2 (2009): 17-27.

- Daneshpour, Negin, and Ahmad Abdollahzadeh Barfourosh. "Data engineering approach to efficient data warehouse: Life cycle development revisited." 2011 CSI international symposium on computer science and software engineering (CSSE). IEEE, 2011.

- Valipour, M. Hadi, et al. "Concepts of Service Orientation in Software Engineering: A Brief Survey." MASAUM Journal of Reviews and Surveys 1.3 (2009): 244-250.

- Davari, Nafiseh, et al. "Persian Document Classification Using Deep Learning Methods." 2020 28th Iranian Conference on Electrical Engineering (ICEE). IEEE, 2020.

- Rezaei, Zeinab, and Negin Daneshpour, "Using Bayesian Networks for Predicting Student Scores." 3rd International Conference on Applied Research in Computer Information Technology, 2016.

- Najafi, Hamed, and Negin Daneshpour, "Multi-dimensional Data Management for Insurance Usage in Drug Stores", International Conference on Information Technology, Computer and Communication, 2015.

- Nabiloo, Maryam, and Negin Daneshpour, "Speed up the insert in bitmap indexing for Data Warehouses", The second international congress of electrical engineering, computer science and information technology, 2015.

- Shayegh, Parvaneh, and Negin Daneshpour, "Using a Data Warehouse to improve analyzing Tourism Data", 9th International Conference in Developing Countries with focus on e-Business, 2015.

- Gol, Reyhaneh Sabbagh, and Negin Daneshpour. "Review Paper on View Selection Algorithms by Clustering", 4th Communication Telecommunication Applied Science Technology Conference, 2015.

- Boroujeni, Parvaneh Shayegh, Negin Daneshpour, and Shahid Shabanlu st Tehran Lavizan. "Materialized view selection using River Formation Dynamics algorithm." 1st International Conference on Computer Sciences Communication and Information Technology (ICCSCIT'14). 2014.

- Seyed Mehdi Ghoreishi, Mohsen Movahedinejad, and Negin Daneshpour, "A Multi-Dimensional System for Car Factory Data Analysis, 4th International Conference on Information Technology, 2014.

- Boroujeni, Parvaneh Shayegh, and Negin Daneshpour. "Materialized view selection using River Formation Dynamics algorithm." 1st International Conference on Computer Sciences Communication and Information Technology (ICCSCIT'14). 2014.

- Valipour, Mohammad Hadi, et al. "A brief survey of software architecture concepts and service oriented architecture." 2009 2nd IEEE International Conference on Computer Science and Information Technology. IEEE, 2009.

- Golbaz, M., A. Hasheminasab, and N. Daneshpour. "An XML Definition Language to Support Use Case-Based Requirements Engineering." Proceedings of the International MultiConference of Engineers and Computer Scientists. Vol. 1. 2008.

- **Persian Papers:**

  - Nasiri, Mohsen, and Negin Daneshpour. "Presenting a new method for multi label classification based on neural network." Signal and Data Processing 22.2 (2025): 127-138.

  - Rezaei, Hamid, and Negin Daneshpour. "Presenting a new method for mixed data clustering based on the number of similar features." Signal and Data Processing 21.1 (2024): 39-52.

  - Salehnezhad, Kosar, and Negin Daneshpour. "Scalable unsupervised feature selection via matrix learning and bipartite graph theory." Journal of Iranian Association of Electrical and Electronics Engineers 20.3 (2023): 135-148.

  - Mirabolghasemi, Seyedeh fatemeh, and Negin Daneshpour. "Missing Data Imputation in Multivariate Time Series Data." Signal and Data Processing 19.2 (2022): 39-60.

  - Kalateh, Hossein, and Negin Daneshpour. "An approximate binary tree-based solution to speed up the search for the nearest neighbor in big data", Iranian Journal of Electrical and Computer Engineering 20.3 (2022): 196-206.

  - Akbari Azimian, Mohammad, Negin Daneshpour, and Masoumeh Safkhani. "Privacy preserving Naïve Bayes classification using Bit-string encryption." Journal of Soft Computing and Information Technology 11.1 (2022): 73-88.

  - Daneshpour, Negin, and Ali Barzegari. "A New Method for Duplicate Detection Using Hierarchical Clustering of Records." Signal and Data Processing 18.4 (2022): 3-22.

- Mollamohammad, Niloofar, and Negin Daneshpour. "Proposing a process to integrate and identify repetitions to improve the quality of data." Journal of Soft Computing and Information Technology 9.3 (2020): 109-120.

- ·Sabbagh Gol, Reyhaneh, and Negin Daneshpour. "An Improved View Selection Algorithm in Data Warehouses by Shuffled Frog Leaping Algorithm in 0/1 Knapsack Problem." Journal of Soft Computing and Information Technology 9.3 (2020): 163-179.

- ·Salehi, Yahya, and Negin Daneshpour." A Non-Parametric Proximity-Based Method for Outlier Detection." Iranian Journal of Electrical and Computer Engineering 17.1 (2019): 16-24.

- Latifi Pakdehi, Alireza, and Negin Daneshpour. "A Combinational Hierarchical Clustering Algorithm on the Basis of Density-Based Methods". Electronics Industries 9.1 (2018): 133-143.

- Latifi Pakdehi, Alireza, and Negin Daneshpour. "Cluster ensemble selection using voting." Signal and Data Processing 15.4 (2019): 17-30.

- Ghoreishi, Seyed Mehdi, and Negin Daneshpour. "View Maintenance Expression Improvement in Data Warehouses." Journal of Modeling in Engineering 16.55 (2018): 101-111.

- Mahmoudi, Mohsen, and Negin Daneshpour. "A Distributed Solution for Mixed Big Data Clustering." Iranian Journal of Electrical and Computer Engineering 16.3 (2019): 169-182.

- Sefidian, Amir Masoud, and Negin Daneshpour. "Applying Regression Models on Subsets with High Correlations for a Better Numeric Missing Values Imputation." TABRIZ JOURNAL OF ELECTRICAL ENGINEERING 48.3 (2018): 1187-1200.

- Oroumiyeh, Mahya, and Negin Daneshpour. "An Improved two-layer Model in the Logical Level Data Warehouse Designing." Journal of Modeling in Engineering 16.54 (2018): 21-37.

- Hazrati, Isa, and Negin Daneshpour. "Improving Near Real Time Data Warehouse Refreshment." Signal and Data Processing 15.2 (2018): 31-44.

- Ataeyan, Mahdieh, and Negin Daneshpour. "Automatic Data Cleaning using Functional Dependency and Ensemble Learning." Tabriz Journal of Electrical Engineering 48.2 (2018): 797-814.

- Sefidian, Amir Masoud, and Negin Daneshpour. "Using Clustering and a Hybrid Method to Fill the Numeric Missing Values." Iranian Journal of Electrical and Computer Engineering 15.3 (2017): 233-242.

- Karimi Mosadegh, Afifeh, and Negin Daneshpour. "Increasing the Speed of Incremental View Maintenance Using the Cuckoo Algorithm." Signal and Data Processing 14.3 (2017): 113-126.

- Shafaei, Seyed Mostafa, Negin Daneshpour, and Seyed Majid Shafaei. "A Near Real-Time Data Warehouse Architecture Based on Ontology." Iranian Journal of Electrical and Computer Engineering 15.2 (2017): 85-101.

- Oroumiyeh, Mahya, and Negin Daneshpour. "Three-Layers Model Designing in the Logical Level Data Warehouse." Tabriz Journal of Electrical Engineering 47.2 (2017): 371-380.

- Latifi Pakdehi, Alireza, and Negin Daneshpour. "Cluster ensemble selection using voting." Signal and Data Processing 15.4 (2019): 17-30.

- Shafaei, Seyed Mostafa, Negin Daneshpour, and Seyed Majid Shafaei. "Using the Capabilities of XML and Materialized Views in Creating a Near Real-Time Data Warehouse." Iranian Journal of Electrical and Computer Engineering 15.1 (2017): 14-26.

- Sabbagh Gol, Reyhaneh, and Negin Daneshpour. "An Improved View Selection Algorithm in Data Warehouses by Finding Frequent Queries." Signal and Data Processing 14.1 (2017): 29-40.

- Ataeyan, Mahdieh, and Negin Daneshpour. "Automatic Error Detecting in Databases, Based on Clustering and Nearest Neighbor" Iranian Journal of Electrical and Computer Engineering 14.4 (2017): 349-356.

- Bikdeli, Hadi, and Negin Daneshpour. "A Combined Method for Clustering Web Users Based on Evolutionary Algorithms." Journal of Soft Computing and Information Technology 5.3 (2016): 25-34.

- Nabiloo, Maryam, and Negin Daneshpour. "A clustering algorithm for categorical data with combining measures." Soft Computing Journal 5.1 (2021): 14-25.

- Shayegh Boroujeni, Parvaneh, and Negin Daneshpour. "Materialized view selection using Hybrid Cultural Search algorithm." Tabriz Journal of Electrical Engineering 46.2 (2016): 371-380.

- Karimi, Mosadegh Afifeh, and Negin Daneshpour. "Improving the speed of view maintenance in data warehouses." Journal of Soft Computing and Information Technology (2016): 28-39.

- Najafi, Hamed, and Negin, Daneshpour. "Optimizing Process of Data Extraction, Transformation and Load in Data Warehouse Based on Parallel Processing." Soft Computing Journal 4.2 (2016): 18-31.

- Nabiloo, Maryam, and Negin Daneshpour. "A NEW CLUSTERING ALGORITHM IN CATEGORICAL DATA APPROACH." Journal of Soft Computing and Information Technology (2016): 14-30.

- Azhir Koltapeh, Elham, and Negin Daneshpour. "Data Warehouse Creation based on a Fuzzy Multi-Criteria Decision Making Approach." Computational Intelligence in Electrical Engineering 6.1 (2015): 91-110.

- Latifi Pakdehi, Alireza, and Negin Daneshpour. "Cluster ensemble selection using voting." Signal and Data Processing 15.4 (2019): 17-30.

- Azhir Koltapeh, Elham, and Negin Daneshpour. "An improved Approach for loading changes into the Data Warehouse." Journal of Soft Computing and Information Technology 4.2 (2015).

- Daneshpour, Negin, and Ahmad Abdollahzadeh Barforoush. "AUT-QPM: The New Framework to Query Evaluation for Data Warehouse Creation." Iranian Journal of Electrical and Computer Engineering 6.1 (2008): 35-45.

- Masoumi, Mina, Negin Daneshpour, and Masoumeh Safkhani. "Presenting a method for data clustering based on k-means with privacy preservation", 27th International Computer Conference Computer Society of Iran, Feb 2022.

- Nikkhah, Fahimeh, Masoumeh Safkhani, and Negin Daneshpour. "Security analysis and improvement of light weight authentication plan by Sharma and colleagues", 25th International Computer Conference Computer Society of Iran, Feb 2020.

- Daneshpour, Negin, and Iman Shoat Neyshabouri. "Presenting a method to improve the use of the nearest neighbor algorithm in the Map Reduce", The 5th National Conference on Optimization in Science and Engineering, Sep 2018.

- Latifi Pakdehi, Alireza, and Negin Daneshpour. "A new multi-layer combinatorial clustering algorithm on high-dimensional data ", 4th International Conference on Applied Research in Computer Engineering and Signal Processing, Dec. 2016.

- Ataeyan, Mahdieh, and Negin Daneshpour. "Automatic correction of data based on a combination method ", 24th Iranian Conference on Electrical Engineering, 2016.

- ·Hazrati, Isa, and Negin Daneshpour. "IX-HYBRIDJOIN: An improved algorithm for semi-realtime Data Warehouse ", 24th Iranian Conference on Electrical Engineering, 2016.

- Hazrati, Isa, and Negin Daneshpour. "Improvement of join operator in semi- realtime Data Warehouse ", The 21st National Computer Conference Computer Society of Iran, Mar. 2016.

- Zahedin Labbaf, Zahra, and Negin Daneshpour. "Automatic finding of facts and dimensions with exploratory method in data warehouse ", The 21st National Computer Conference Computer Society of Iran, Mar. 2016.

- Najafi, Hamed, and Negin, Daneshpour. "Metadata management in extracting, transforming and loading operations in the data warehouse ", The 3th International Conference on Applied Research in Computer Engineering and Information Technology, Nov. 2015.

- Shafaei, Seyed Mostafa, and Negin Daneshpour. "Improving response time in real-time data warehouse using parallel processing capability ", The 9th Conference of Data Mining, Dec. 2015.

- Sabbagh Gol, Reyhaneh, and Negin Daneshpour. "Improving the view selection algorithm in the data warehouse using query clustering ", The 9th Conference of Data Mining, Dec. 2015.

- Hazrati, Isa, and Negin Daneshpour. "RX-HYBRIDJOIN: An improved algorithm for data warehouses", The 10th Symposium on Advances in Science and Technology (10thSASTech), 2015.

- Shayegh Boroujeni, Parvaneh, and Negin Daneshpour. "View selection to materialize in the data warehouse using the cuckoo search algorithm ", The 21st National Computer Conference Computer Society of Iran, Mar. 2016.

- Karimi, Mosadegh Afifeh, and Negin Daneshpour. "Reducing the incremental maintenance cost of the views in data warehouses using meta-huristic algorithms", International Congress of Technology, Communication and Knowledge, 2014.

- Oroumiyeh, Mahya, and Negin Daneshpour. "A comparative study of different levels in data warehouse design ", National conference of computer engineering and information technology management, 2014.

- Bikdeli, Hadi, and Negin Daneshpour. "Improving clustering of web users using bacteria feeding algorithm", 22th Iranian Conference on Electrical Engineering, 2015.

- Daneshpour, Negin, et al. "Presenting an improved combination for the classification of Persian texts ", The 18st National Computer Conference Computer Society of Iran, Mar. 2013.

- Daneshpour, Negin, and Elham Azhir Koltapeh, "An improved method for detecting changes in information data sources", The 18st National Computer Conference Computer Society of Iran, Mar. 2013.

- Ghoreishi, Seyed Mehdi, and Negin Daneshpour. "Reduced access to high-volume data sources in incremental view maintenance", The fourth Iranian fuel cell seminar, 2010.

- Daneshpour, Negin, and Ahmad Abdollahzadeh Barforoush. "The new approach toward refreshing data warehouse." ICCI 2004: International Conference on Computational Intelligence. 2004.

SUPERVISED MASTER THESIS TITLES

- A Multi Task Framework based on Graph learning for Analyzing Diabetes and Secondary Diseases, Donya Hashemi, 2025- now.

- Intelligent Detection of Eye Fatigue and Concentration Level Using Machine Learning and Eye Tracking Data in Educational Environments, Fatemeh Soleymani, 2025- now.

- Anomaly Detection System for Energy Consumption Patterns Using Machine Learning Methods, Mahdi Pourali Delkhosh, 2025- now.

- A Hybrid Graph Learning and Transformer APPROACH FOR Spatio Temporal Traffic Data Imputation, Ali Mahjoub, 2025- now.

- Recommender System based on Graph Neural Networks using Contrastive Learning, Masoumeh Rahimi, 2024- now.

- Aspect-Based Sentiment Analysis using ensemble of neural networks, Farzaneh Shahi, 2024-now.
- Ensemble Classification of Imbalanced Data Streams Using Online, Learning Algorithms Maryam Kazemi, 2024- 2025.
- An Unsupervised Ensemble Algorithm for Outlier Detection Utilizing Statistical Techniques, Amirreza Zarekar, 2024- 2025.
- High Utility Itemset Mining in Dynamic Profit and Incremental Databases, Mahnaz Naderi, 2023- 2024.
- Presenting a Hybrid Algorithm for Task Scheduling in Cloud Systems, Farzaneh Abil, 2023-2024.
- Presenting a Method for Workload Prediction Using Deep Learning in Cloud Computing, Fatemeh Sharifloo, 2023-2024.
- Presenting a Method for MOOCs Sentiment Analysis and Suggestion Mining: Hybrid Deep Learning, Mujtaba Sultani, 2023-2024.
- Presenting an Ensemble Algorithm to Predict Dropouts in Massive Open Online Courses, Kowsar Talebi, 2022-2023.
- Presenting a Hybrid Algorithm for Association Rule Mining Using Meta-Huristic Algorithms, Mahdiye Iranshahi, 2022-2024.
- Presenting a K-means based Privacy-Preservation Clustering Algorithm, Mina Masoumi, 2021-2022.
- Presenting a New Method for Mixed Data Clustering based on a Number of Similar Features, Hamid Rezaee, 2021-2023.
- Clustering Educational Data to Reduce the Sum of Squares of Error, Fatemeh Aliakbari, 2021-2023.

- Presenting a New Method for Closed High Utility Item Sets Mining, Amir Hossein Mofid, 2021-2023.
- Presenting a New Method for the Multi-Label Classification based on Weighted Clustering, Mohsen Nasisri, 2021-2023.
- Presenting a one-phase method for Mining Top-k High Utility Itemsets, Parvin Taghavi, 2020-2023.
- Presenting an Unsupervised Method for Feature Selection based on Ranking, Kosar Salehnezhad, 2020-2022.
- Improving Intrusion Detection Systems Using Data Mining Techniques, Soheila Gholami, 2019-2021.
- Improving Security of Data Mining from the Privacy Preserving Perspective, Mohammad Akbari Azimian, 2019-2021.
- Presenting a Solution to Improve Frequent Itemset Mining, Mohsen Ghorbani, 2019-2021.
- Improvement of nearest neighbor algorithm in big data, Hossein Kalateh, 2018-2021.
- Data mining algorithms improvement for incomplete dataset, Fatemeh Sadat Mirabolghasemi, 2018-2020.
- Improvement of privacy preserving data mining techniques, Sahand Zehtabchi, 2018-2020.
- Improving security protocols in Internet of Things, Mohammad Zamani, 2018-2020.
- Improvement in detection of outlier points and outlier clusters in datasets using data mining techniques, Yahya Salehi, 2017-2019.
- Presenting a Mixed-Type Data Clustering Algorithm for Big Data, Mohsen Mahmoudi, 2017-2019.

- Distributed Big Data Classification Schema by KNN based on Categorization Features, Iman Shokrat Neyshaboori, 2016-2018.
- Missing value estimation and inconsistencies detection in data improvement using data partitioning, Amir Masoud Sefidian, 2016-2017.
- Clustering high dimensional data using combining algorithms, Alireza Latifi Pakdehi, 2015-2017.
- Optimizing Response Time in Near Real-Time Data Warehouse Architecture, Seyed Moostafa Shafaei, 2015-2016.
- Automatic Data Cleaning With Data Mining Techniques, Mahdieh Ataeyan, 2015-2016.
- Analysis and Design of Automatic Data Warehouse Based On Hybrid Method, Zahra Zahedin Labbaf, 2015-2016.
- Improving data warehouse refreshment through user requirement analysis and decreasing loading cost, Isa Hazrati, 2014-2016.
- Clustering Large Categorical Data with Combining Measures, Maryam Nabiloo, 2014-2015.
- Optimizing Query Response Time in Data Warehouses by Grouping the Queries, Reyhaneh Sabbagh Gol, 2014-2015.
- Improving ETL Process in Data warehouses, Hamed Najafi, 2013-2015.
- Improving query response time in data warehouse, Parvaneh Shayegh Boroujeni, 2013-2015.
- Improving Incremental View Maintenance in Data warehouses, 2013-2015.
- Presenting a framework for integration and error detection to improve data quality in data warehouses, Niloofar Mollamohammad, 2016-2017.
- Dynamic prediction of views suitable for storing integrated data for online analysis processing, Maryam Karambeigi, 2015-2017.

- Quality improvement in analytical data warehouses based on metadata techniques, Mehdi Ebadian, 2015-2017.

- Presenting a multiple approach to improve query response time in data warehouses, Fatemeh Amiri Jam, 2014-2017.

- Presenting an improved model for designing a data warehouse with a combination of existing models, Mahya Oroumieh, 2013-2016.

- Improving clustering of web users using metaheuristic algorithms, Hadi Bikdeli, 2013-2016.

- Improving View Maintenance in Data Warehouses, Afifeh Karimi Mosaddegh, 2013-2015.

- Presenting a new model based on RFM for customer clustering, Mehdi Dadashnia Kamasaei, 2014-2015.

- Improving the process of extracting, transforming, and loading data in the data warehouse, Elham Azhir Koltapeh, 2013-2015.