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Dimitrios Galiatsatos is a mathematician with postgraduate and doctoral studies in Computer Science and academic and research activity in Artificial Intelligence, Machine Learning, and Data Analytics. His research interests focus particularly on probabilistic graphical models and Bayesian Networks, educational data mining, the application of machine-learning methods to complex datasets, and the development and evaluation of computational methodologies for scientific and educational applications. He has contributed to the preparation and publication of scientific research and develops methodological approaches combining statistical modelling, artificial intelligence, and reproducible data analysis. His broader research interests include data-driven decision support, predictive modelling, and the rigorous evaluation of intelligent computational methods across multidisciplinary applications.

Selected Publications

1. **Leveraging Feature Selection and Ensemble Learning to Predict Secondary School Achievement: A Comparative Study of Three Grade Granularities.** *Information*, 2026.
2. **Serum Redox Biomarkers in Canine Mast Cell Tumors: Exploratory Associations with Proliferative Activity and Clinicopathological Features.** *Antioxidants*, 2026.
3. **ILIOU Machine Learning Preprocessing Method for Depression Type Prediction.** *Evolving Systems*.
4. **Machine Learning Preprocessing Method for Suicide Prediction.** *IFIP International Conference on Artificial Intelligence Applications and Innovations*.
5. **Classification of the Most Significant Psychological Symptoms in Mental Patients with Depression Using Bayesian Network.** *16th International Conference on Engineering Applications of Neural Networks (INNS), Proceedings*.
6. **Machine Learning-Based Classification of Glycemic Status Using Routine Laboratory Data: A Comparative Study of Statistical and Ensemble Models.** *BioMedInformatics*, 2026.