

### **Giagkouli Olympia**

A graduate of the Physics Department of the Aristotle University of Thessaloniki as well as a holder of a postgraduate diploma entitled “ Special Education and Training” of the University of Nicosia, Ms. Giagkouli Olympia prepared her diploma thesis entitled “Classification of category of cognitive decline using the R4Alz array” in the context of her second master’s degree in the Department of the Electrical Engineering of the Polytechnic School of the Aristotle University of Thessaloniki with the title “Advanced Computer Communication Systems”. She worked as a teacher of Physics in the private sector and now she works as a Physics teacher in Secondary Education teaching Physics and Chemistry. Her scientific interests include Machine Learning and its applications in the field of Medicine and Fuzzy Systems and their applications in the field of Neurosciences as well as in Education. Programming languages she has worked with are Python, Matlab and R. Holds degrees in English and German language. Her future interests are the correlation of machine learning techniques in order to recognize Special Education cases.

