

Title: Developing and Polishing an Open Source Machine Learning Library

One of the most prominent research directions in machine learning and big data research is data streams processing in an online fashion. The EU project, PROTEUS, we are currently running, is about developing an open-source library for online learning that will cover a number of algorithms for learning from data streams.

To strengthen our effort in this context, we are looking for a research assistant (RA) with background in machine learning and data mining for 4 months and very strong programming skills. The main duty of the RA is to help develop and mostly polish the machine learning algorithms that we are including into the open-source library. The RA will work tightly with the team working on PROTEUS.

The **main responsibilities** are therefore:

- To fully engage with the project by contributing towards its successful completion.
- To undertake the proposed duties in the context of this project and to observe the corresponding milestones and deadlines.

This RA position involves research in the context of the European project, PROTEUS. The successful and exemplary completion of duties requires a high level of commitment to meet the deadlines and to produce high-quality code.

Starting date: as soon as possible.

Application: Candidates are invited to send their applications, consisting of a detailed CV, to Prof Hamid Bouchachia (abouchachia@bournemouth.ac.uk). The position will remain open until it is filled. All applications are reviewed immediately upon reception.