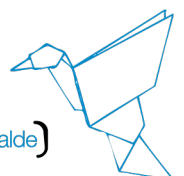


## Data Science Research technician – BCAM Knowledge Transfer Unit

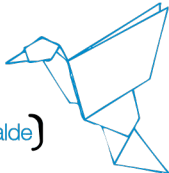
Job Offer	
Topics:	Data Analysis, Statistics (regression methods, time series, multivariate analysis, clustering methods), Machine Learning techniques (e.g.: neural networks, random forests, decision trees, SVM's etc.) and Optimization (linear programming, multi-objective optimization, large-scale optimization etc.).
Salary and conditions:	<p><b>The gross annual salary will be 18.000 - 24.000€.</b></p> <p>It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency.</p> <p>There is a moving allowance for those researchers that come from a research institution outside the Basque Country from EUR 500 to EUR 1.000 gross.</p> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p>
No Positions offered:	<b>#1</b>
Duration:	1-year contract (with possible extension)
Deadline:	<b>April 22<sup>th</sup> 2022 14:00 CET</b>
How to apply:	Applications must be submitted on-line at: <a href="http://www.bcamath.org/en/research/job">http://www.bcamath.org/en/research/job</a>

Profile Requested	
Requirements:	<ul style="list-style-type: none"> <li>• Master's and or PhD degree in Statistics, Computer Science, or a closely related field.</li> <li>• Strong background in Statistics and Mathematics and Computer Science.</li> <li>• Fluency in spoken and written Spanish and English.</li> </ul>
Skills:	<ul style="list-style-type: none"> <li>• Knowledge of advanced statistical methods and/or machine learning techniques, data base management and data visualization.</li> <li>• Ability to analyse data, perform statistical analysis, elaborate scientific reports and interpret results.</li> <li>• Experience with statistical software packages and good programming skills in R, Python and/or MATLAB.</li> </ul>



	<ul style="list-style-type: none"> <li>• Knowledge in database languages (e.g. SQL) and Big Data technologies (e.g. Hadoop, etc) are valuable.</li> <li>• Strong analytical and problem-solving skills.</li> <li>• Strong programming skills.</li> <li>• Ability to read scientific publications and implement mathematical algorithms.</li> <li>• Good interpersonal skills.</li> <li>• Ability to effectively communicate and present research ideas to researchers and stakeholders with different backgrounds.</li> <li>• Demonstrated high level written and oral communication skills.</li> <li>• Demonstrated ability to work independently and as part of a collaborative research team.</li> </ul>
Principal duties and responsibilities:	<ul style="list-style-type: none"> <li>• Collaboration in knowledge transfer projects with industry and research entities.</li> <li>• Statistical and Machine Learning data analysis and participation in research projects, including:             <ul style="list-style-type: none"> <li>○ Data processing, data management and data analysis.</li> <li>○ Writing code to analyse data and produce results.</li> <li>○ Summarizing and interpreting data and results.</li> <li>○ Preparing, producing, updating and automating reports.</li> <li>○ Elaborating interim and final analysis of research projects.</li> <li>○ Assisting and preparing presentations to stakeholders.</li> </ul> </li> <li>• Contribution to the preparation and production of scientific publications and report.</li> </ul>

Application and Selection Process	
Formal Requirements:	<p>The selected candidate must have applied before the application deadline online at the webpage</p> <p><a href="http://www.bcamath.org/en/research/job">http://www.bcamath.org/en/research/job</a></p> <p>The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile.</p>



Application:	<p>Required documents:</p> <ul style="list-style-type: none"> <li>▪ CV</li> <li>▪ Letter of interest</li> <li>▪ 2 recommendation letters (desirable, not mandatory)</li> </ul>
Evaluation:	<p>Based on the provided application documents of each candidate, the evaluation committee will evaluate qualitatively: the adaption of the previous training and career to the profile offered, the recommendation letters, the main results achieved (projects, papers, proceedings, etc.), the letter of interest, and other merits; taking in account the alignment of these items to the job offered.</p>

<b>Incorporation:</b>	<b>April of 2022 or as soon as possible thereafter.</b>
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