



**Company
Description**

BCAM is the research center on applied mathematics created with the support of the Basque Government and the University of the Basque Country, which aims to strengthen the Basque science and technology system, by performing interdisciplinary research in the frontiers of mathematics, talented scientists' training and attraction, so the excellence of our results are recognized by the Society.

Information

 Deadline: 2020-01-08
 Category: Business
 Province: Bizkaia

 Country: Basque Country
 City: Bilbao

Company

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**Main functions, requisites & benefits****Main functions**

In the framework of the BCAM "Maths & Artificial Intelligence" strategy, a series of projects in this field will be launched in different areas of Applied Mathematics. This project is titled "Health cost analysis with large and incomplete data". Based on a database of more than forty million records, the project aims at studying and describing health-related costs. The objectives will focus on (1) automating the workflow that will allow obtaining (and managing) the data, and (2) defining the statistical analyses to be performed.

Requisites

Master's degree in Statistics, Computer Science, or a closely related field. Strong background in Statistics and Mathematics. Fluency in spoken and written English. Ability to analyse data, perform statistical analysis and interpret results. Strong analytical and problem-solving skills. Strong programming skills. Good interpersonal skills. Ability to effectively communicate and present research ideas to researchers and stakeholders with different backgrounds. Demonstrated high level written and oral communication skills. Demonstrated ability to work independently and as part of a collaborative research team. Strong background in Statistics and Mathematics. Demonstrated knowledge in advanced statistical methods and/or machine learning techniques. Good programming skills in R and/or Python. Research experience in interdisciplinary applications (e.g.: Health, Energy).

