

## Statistician - healthcare - Oròbix LIFE

Oròbix Life is looking for a talented Statistician with a **clinical background and interest in software development**. You will join the fast growing **Data science team** mainly dedicated to statistics, machine learning and deep learning. We need your curiosity and creativity to select, develop and fit the best algorithms to challenging and real-world problems. **As a Statistician you will work with unique data sets from different sectors across the world and cutting-edge technology.**

### Your role and responsibilities

You will enjoy a varied role working for different sponsors across several business areas, leading projects and mentoring junior members of the department. You will work in an **international context**, in a team of engineers with different skillset, **interfacing stakeholders and with full responsibility on deliverables**. It is essential that you are a focused person with excellent communication skills and a personal drive to achieve project goals.

You will perform **complex statistical analyses**, drive statistical discussion and guide and control the quality of statistical analyses developed by other team members.

You will be involved in the **design and preparation of regulatory documentation for projects**. For example, you might be involved in drafting the statistical analysis plan or evaluating sample size. You will also collaborate with medical and programming staff to produce interim reports and final reports, allowing a comprehensive understanding and interpretation of the clinical trial data and outcome.

You will have the opportunity to work in the product team on the **development of new features to improve our AI solutions to meet market needs**. You will perform the biostatistical components of plans for projects that establish the essential conditions for determining the **safety, efficacy and marketability of medical device products that will be submitted for certification**.

GOOD  
PEOPLE  
MAKE  
GOOD AI.

### Required skills

- R or python proficiency including use of a variety of statistical procedures (non-parametric analysis, linear / non-linear models, bayesian models, categorical data, survival analysis)
- Experience in the preparation of Statistical Analysis Plans, reporting, etc
- Ability to effectively communicate statistical concepts
- Knowledge of the overall clinical trial process or regulatory submissions procedure (es: FDA)
- Experience designing, implementing and applying novel algorithms for scientific analysis
- Fluency in English (both verbal and written)
- Problem solving attitude
- Strong autonomy

### The following are considered a plus

- Experience in regulatory compliance guidelines for clinical trials and medical devices (e.g. ISO)
- Familiarity with deep learning or machine learning models
- Project management skills
- Familiarity with medical imaging data

### Education

- MSc degree in Statistics, Biostatistics or related field

### Seniority

- At least 3 years of relevant working experience.

### About us

Oròbix is the Bergamo-based **tech-company focused on the implementation and lifecycle management of artificial intelligence solutions**, covering a wide range of sectors from healthcare to agri-food (through the innovative startup Oròbix Life), from manufacturing to gaming and energy. During 2019, Oròbix closed an investment round from Antares Vision Group, a world leader in systems for inspection, track and trace and smart data management. In more than 10 years of activity, we have grounded more than 100 projects, creating artificial intelligence solutions for our customers: from engineering to the production of models for in-line quality control, clinical diagnosis support, and production process optimization.

### Our benefits

- Smart Working: we believe that the smart working can truly add value when balances flexibility and performance, the individual and the company.
- Multi-cultural, supportive, inclusive and friendly working environment.
- Awesome community of open-minded professionals, environment boosting the development of your technical and soft skills.
- Your influence on product stack, solutions and work-frame.
- Short and fast decision-making due to flat hierarchy.
- Great office space located in Bergamo, Travagliato (BS), Rovereto (TN)

### 3-steps hiring process

1. Interview with the Technical Leader
2. HR Interview
3. Interview with the Founders (Pietro & Luca)