

Junior Data Scientist

PreGenerate GmbH

Vienna, Austria

ABOUT PREGENERATE

At Pregenerate GmbH, we use scalable organ-on-a-chip models to understand how cartilage cells respond to inflammation and to different treatments, in a life-like way. This technology will ultimately allow us to stratify patients into targeted treatment subgroups, and even to tell each clinical patient what the best treatment is for his or her specific arthritis needs directly. Our device is also poised to save pharmaceutical companies billions of dollars and improve the success rates of their drugs to market, in part because we can use human cells to replace animal testing in pharmaceutical research for arthritis treatments.

THE POSITION

Reporting to the CEO, Data Scientist is responsible for overseeing the collection, storage and interpretation of data for businesses. Their duties include sifting through data points to create organized categories, comparing data points to current company processes and writing reports outlining business predictions or proposals.

TASKS:

- Collecting data through means such as analyzing business results or by setting up and managing new osteoarthritis studies
- Creating new, experimental workflows to collect data
- Building tools to automate data collection
- Lab automation (using Python based framework)
- Data extraction for identifying patterns in disease phenotypes and progression
- Statistical analysis of medical data
- Creating reports and presentations for business uses
- Correlating similar data to find actionable results

REQUIREMENTS

The successful candidate will be an innovative and collaborative team player with demonstrated experience in using modern technologies and methods to drive decision making with insights from biomedical data.. Additionally, the successful candidate will be someone with commitment and willingness to uphold PreGenerate's core values, guiding principles and governing policies.

- Ideal candidate should have a degree in a quantitative field (e.g., bioinformatics, computer science, physics, economics, engineering, statistics, operations research, quantitative social science, etc.)
- 1+ year of relevant experience with R
- Experience/Knowledge in data analysis: statistics, SQL, Python, R, Tableau. Ability to break down and understand complex business problems, define a solution and implement it using advanced statistical quantitative methods
- Solid oral and written communication skills, especially around analytical concepts and methods
- Great work ethic and intellectual curiosity.
- Knowledge of Cloud technologies including AWS or Google Cloud.
- Must be a team player with excellent communication and problem-solving skills and have experience working with customers across

WHAT YOU NEED TO SHINE

- You are passion-driven and you care about the quality of your code
- Experience with Django and/or Flask
- Data integrity evangelist
- You know Git

BENEFITS

- Flexible working hours and up to 60% home office
- Possibility to join the vibrant community of VBC
- Gym discount (in collaboration with VBC)