



Lecture Content Creator for Data Science Courses

Vitznau or remote, 20%, 6 months (with option to extend), immediately or by arrangement, flexible working

Lake Lucerne Institute is a non-profit independent research institute based in Vitznau, Lucerne. We employ an interdisciplinary team of researchers motivated to close the gap between theory and practice and promote novel and interdisciplinary research. The institute works closely with a neurorehabilitation centre to ensure true multi-stakeholder integration within the research projects.

For our new Master's in Science "Precision Neurorehabilitation" at the Lake Lucerne Institute, we are seeking a talented and motivated Lecture Content Creator to develop comprehensive and engaging lecture materials for two of our upcoming courses: "Introduction to Data Science" and "Advanced Data Science." The ideal candidate will have a background in data science, with expertise in both classical statistics and machine learning, experience in Python and Jupyter Notebook, and interest in applications in health and movement science. Of note, since our Master's program targets therapists and health scientists, the lectures emphasize conceptual understanding rather than the mathematical derivations of statistical models.

Your Tasks:

- Create visually appealing and informative education material.
- Develop practical exercises and case studies for data science applications in health/movement science in Python and Jupyter Notebook.
- Provide supplemental materials such as reading lists, datasets, and Python code samples.
- Review and revise content based on feedback from our academic team to ensure content aligns with course objectives and learning outcomes.

Your Profile:

- Master's degree (MSc) or currently enrolled in an MSc program in Health Science, Data Science, Statistics, Computer Science, Psychology, Biology, or a related field.
- Background in data science, with expertise in both classical statistics and machine learning techniques
- Proficiency in Python and Jupyter Notebook.
- Strong motivation to create engaging and informative educational content.
- Interest in applications in health and movement science



You find further information on our institute at www.llui.org and the Master's program at <https://www.llui.org/education/msc-precision-neurorehabilitation/>.

To apply please send a cover letter outlining your motivation and experience in the field, CV and a transcript of records to josua.zimmermann@llui.org and sandra.giovanoli@llui.org. Questions regarding the position should also be directed to that contact.