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Advanced Python Programming for Data Science

Thursday, September 1, 2016 1:00 PM (5 hours)

In recent years, Python has been adopted in many fields, be it scientific, commercial and other.
For most new users, Python is easy to learn and allows to quickly write small but powerful scripts.
At the same time, it is also feasible to create web services, distributed processing systems, and other complex applications.

Beginners have an easy start with Python:
little code is required for many tasks as the language has "batteries included".
Yet, data driven science often relies on custom workflows and algorithms.
Writing clean, efficient, and comprehensive code is vital;
perhaps not for the next deadline, but the one after.
Luckily, Python provides many features to even manage complex tasks with ease.

The course focuses on advanced concepts of Python programming, useful for data science.
This covers features of the language, how to use them, and also best practices.
We present this as an interactive hands on tutorial, which gives you a feeling for the capabilities of Python.

The course targets people familiar with Python or similar languages.
You should feel comfortable writing small scripts for solving problems.

Presenter: Dr FISCHER, Max (KIT)