



Transferable Skills Portfolio

SKILL NAME

Programming in Python

TIME, PLACE AND METHOD OF ACQUISITION

As part of my social science research, I had to analyze large datasets from a publicly accessible database. Since manual analysis would have been almost impossible, I familiarized myself with Python in order to automate the evaluation and visualization of the data. In addition to self-study, I attended the Transferable Skills course 'Python Crash Course' offered by the Graduate Center of the University of Basel in the fall semester of 2024.

DETAILED DESCRIPTION OF THE SKILL

Python is a versatile programming language that is particularly suitable for beginners. One reason for its versatility is that so-called libraries can be easily integrated, which allow users to perform a wide range of tasks without having to program everything from scratch.

In Python, I am particularly experienced in processing structured, tabular data using the Pandas library. I can, among other things, import, clean and visualize data to derive insights from it.

Through my work with Python in the context of data processing and visualization, I have developed a solid understanding of the programming language's key components. This enables me to quickly apply Python to other areas.