

## HONOR CODE CERTIFICATE

This is to certify that

**Jarosław Morawski**

has participated in the

**Python (introduction to ML)**

a course of study offered by DataWorkshop

Topics covered in the course: practical introduction to python, libraries: numpy (universal functions, indexing & slicing etc), pandas (read data, filtering, crosstab, pivot table, cut & binning, visualization etc)

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Vladimir Alekseichenko

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Founder of dataworkshop.eu