Python for Data Scientist

Introductory Course

Stanislav Seltser Petacube Inc

Goal:

learn python and prepare to use in data science projects

Curriculum:

Class 1 Intro Pycharm IDE and Debugging

Class 2 Variables and Strings

Class 3 Data structures

Class 4 Conditional expressions and Loops

Class 5 Functions

Class 6 Classes and Objects. Modules and Packages

Class 7 File IO

Class 8 UI with Streamlit

Class 9 Advanced Data Structures: Arrays with NumPy

Class 10 DataFrames with pandas, polars and datafusion

Class 11 Tensors with pytorch

Class 12 Graphs with networkx