Specialization: Economics, bachelor's degree, full-time study

Discipline: "Data Analysis with Python"

1. *Annotation*

Special program course corresponds to the state. the standard of the direction - "Economics". The discipline provides lectures and problem solving in the Python environment, focused mainly on the analysis of economic data.

2. Requirements for the initial levels of knowledge and skills of students

Know: mathematics within the school course

Be able to: No prior skills required.

3. Goals and objectives of the discipline

Purpose of the discipline: the purpose of the discipline is to provide fundamental knowledge and skills in programming in the Python 3. * language and in data processing and analysis.

Discipline objectives: knowledge of the basics of functional programming in Python 3. * with an emphasis on working with large amounts of data.

• obtaining fundamental knowledge and skills about the basic algorithms for data processing and analysis.

• an understanding of the methods used in the study of statistics.

• experience in conducting quantitative and qualitative assessments of data of various origins.

• readiness for independent development and competent use of the results of new research in the field of data analysis and mathematical statistics.